

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6057009

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
ALCATEL LUCENT	11/26/2019

RECEIVING PARTY DATA

Name:	WSOU INVESTMENTS, LLC
Street Address:	11150 SANTA MONICA BLVD.
Internal Address:	SUITE 1400
City:	LOS ANGELES
State/Country:	CALIFORNIA
Postal Code:	90025

PROPERTY NUMBERS Total: 181

Property Type	Number
Patent Number:	7091488
Patent Number:	7406316
Patent Number:	7539414
Patent Number:	6983333
Patent Number:	7424020
Patent Number:	7394759
Patent Number:	7035651
Patent Number:	9286885
Patent Number:	7324431
Patent Number:	6927707
Patent Number:	7440512
Patent Number:	8018927
Patent Number:	7764663
Patent Number:	7346826
Patent Number:	8561109
Patent Number:	7113481
Patent Number:	7085592
Patent Number:	7555228
Patent Number:	7698617

PATENT REEL: 052372 FRAME: 0675

506010299

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Property Type	Number
Patent Number:	7643508
Patent Number:	7804952
Patent Number:	7672587
Patent Number:	8891440
Patent Number:	7822868
Patent Number:	8248940
Patent Number:	9584330
Patent Number:	9503889
Patent Number:	8681153
Patent Number:	8760473
Patent Number:	8204915
Patent Number:	9342820
Patent Number:	8179898
Patent Number:	8515769
Patent Number:	8259719
Patent Number:	8942753
Patent Number:	8631043
Patent Number:	8750856
Patent Number:	8364188
Patent Number:	8817661
Patent Number:	8660011
Patent Number:	8271883
Patent Number:	8498286
Patent Number:	8649269
Patent Number:	8509213
Patent Number:	9020029
Patent Number:	9509582
Patent Number:	8457500
Patent Number:	8666978
Patent Number:	8634307
Patent Number:	8594515
Patent Number:	8693888
Patent Number:	8774013
Patent Number:	8948589
Patent Number:	8665733
Patent Number:	9723074
Patent Number:	8824302
Patent Number:	8792439

PATENT

REEL: 052372 FRAME: 0676

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Property Type	Number
Patent Number:	8694629
Patent Number:	8713097
Patent Number:	9525616
Patent Number:	8971215
Patent Number:	8634455
Patent Number:	8989216
Patent Number:	8972803
Patent Number:	8937969
Patent Number:	8910261
Patent Number:	9077482
Patent Number:	9794109
Patent Number:	9014116
Patent Number:	9997818
Patent Number:	9325467
Patent Number:	9088356
Patent Number:	9286170
Patent Number:	8949655
Patent Number:	9444913
Patent Number:	9398629
Patent Number:	9351056
Patent Number:	9313144
Patent Number:	9357014
Patent Number:	9294171
Patent Number:	9450884
Patent Number:	9424121
Patent Number:	9891941
Patent Number:	9954342
Patent Number:	9686137
Patent Number:	9866301
Patent Number:	9641459
Patent Number:	8320413
Patent Number:	7376416
Patent Number:	6839215
Patent Number:	8503653
Patent Number:	8451980
Patent Number:	8625691
Patent Number:	8325854
Patent Number:	8774790

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Property Type	Number
Patent Number:	8189570
Patent Number:	8224863
Patent Number:	8150893
Patent Number:	8569042
Patent Number:	8396372
Patent Number:	8745082
Patent Number:	8762949
Patent Number:	7801156
Patent Number:	8949710
Patent Number:	8429202
Patent Number:	8442168
Patent Number:	8599979
Patent Number:	8306164
Patent Number:	8887287
Patent Number:	8055088
Patent Number:	9276591
Patent Number:	9082104
Patent Number:	8200848
Patent Number:	7512096
Patent Number:	8443205
Patent Number:	8620292
Patent Number:	8159950
Patent Number:	8250210
Patent Number:	8201016
Patent Number:	8493998
Patent Number:	8412176
Patent Number:	8146069
Patent Number:	8141065
Patent Number:	8411624
Patent Number:	8538258
Patent Number:	8489102
Patent Number:	8719786
Patent Number:	8813047
Patent Number:	8441721
Application Number:	10166066
Application Number:	10647255
Application Number:	60351534
Application Number:	10368628

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Property Type	Number		
Application Number:	10733640		
Application Number:	60744165		
Application Number:	60328087		
Application Number:	10326259		
Application Number:	61274177		
Application Number:	61662156		
Application Number:	15240091		
Application Number:	14903654		
Application Number:	15108591		
Application Number:	15572251		
Application Number:	61010427		
Application Number:	61196857		
PCT Number:	FR2003002830		
PCT Number:	EP2007050385		
PCT Number:	US2007065833		
PCT Number:	FR2005050306		
PCT Number:	CN2007003099		
PCT Number:	EP2009007280		
PCT Number:	FR2010052138		
PCT Number:	US2011020156		
PCT Number:	EP2010004750		
PCT Number:	US2010043811		
PCT Number:	US2011020174		
PCT Number:	US2011024958		
PCT Number:	US2012021017		
PCT Number:	EP2012050055		
PCT Number:	US2011051491		
PCT Number:	CA2012050334		
PCT Number:	US2012061545		
PCT Number:	US2012057462		
PCT Number:	CA2012050607		
PCT Number:	EP2012069422		
PCT Number:	US2013058712		
PCT Number:	US2014030229		
PCT Number:	US2013072963		
PCT Number:	EP2014050433		
PCT Number:	US2013067369		
PCT Number:	US2014012635		

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Property Type	Number
PCT Number:	CA2014050201
PCT Number:	EP2014064393
PCT Number:	EP2014075889
PCT Number:	EP2015079522
PCT Number:	IB2016000237
PCT Number:	EP2016061921
PCT Number:	IB2016000516
PCT Number:	US2016028210
PCT Number:	US2008000779
PCT Number:	US2008011553

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 208-327-8900

Email: docketing@burdickpatents.com

Correspondent Name: SEAN D. BURDICK

Address Line 1: 2537 W. STATE STREET

Address Line 2: SUITE 220

Address Line 4: BOISE, IDAHO 83702

NAME OF SUBMITTER:	SEAN D. BURDICK
SIGNATURE:	/Sean D. Burdick/
DATE SIGNED:	04/10/2020

Total Attachments: 38

source=Assignment Alcatel Lucent to WSOU with Attachment C#page1.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page2.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page3.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page4.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page5.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page6.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page7.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page8.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page9.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page10.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page11.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page12.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page13.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page14.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page15.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page16.tif source=Assignment Alcatel Lucent to WSOU with Attachment C#page17.tif

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source=Assignment Alcatel Lucent to WSOU with Attachment C#page38.tif



ATTACHMENT C: ASSIGNMENT OF PATENT RIGHTS BY ALCATEL LUCENT TO WSOU

PATENT ASSIGNMENT

This PATENT ASSIGNMENT, including without limitation Exhibit A of this Attachment C, ("Assignment") is made by:

Alcatel Lucent, a company validly organized and existing under the laws of France and having its principal address at 1 Route de Villejust, Centre de Villarceaux, 91620, Nozay, France, ("Assignor"); to

WSOU Investments LLC a company validly organized under the laws of Delaware, having its principal address at 11150 Santa Monica Boulevard, Suite 1400 Los Angeles, CA 90025, (the "Assignee"),

All references to the plural herein also mean the singular, and vice versa, unless the context otherwise requires.

WHEREAS, Assignor is the owner of certain patents and patent applications, as specified in Exhibit A hereto.

DEFINITIONS

"Assigned Patents" means the patents and patent applications listed in Exhibit A of this Attachment C that are owned or controlled by the Assignor or its Affiliates (other than Nokia Shanghai Bell) on the Assignment Date.

"Assignment Date" means November 26, 2019.

PATENT ASSIGNMENT

Assignor hereby assigns, transfers, and conveys unto Assignee, all of Assignor's right, title, and interest in and to each of the Assigned Patents.

The assignment, transfer, and conveyance to Assignee set forth above will become effective on the Assignment Date and is made subject to certain encumbrances and retained rights for the Assigned Patents in favor of Assignor and/or its affiliates, assignees, and licensees.

This Patent Assignment may be executed by the Parties in one or more counterparts, each of which when so executed shall be an original, but all such counterparts shall constitute one and the same instrument. Each Party intends that a facsimile of its signature printed from an unaltered scanned version of its original signature such as by a printer printing an unaltered Portable Document Format (PDF) file supplied by the Party be regarded as an original signature.

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IN WITNESS WHEREOF, the Assignor has caused this Assignment to be signed by its duly authorized officers.

ASSIGNOR:	ASSIGNOR:
ALCATEL LUCENT	ALCATEL LUCENT
By: Allan EUI	By:
Name: <i>Z/354984/3 (- , 0(3(</i>))	Name: Emmanyelle WETZEZ
Tide: <u>Julianafannyawa Wansa P</u> LEZAL	Title: Director Pakenty
Date: 11 December 2019	Date: <u>Secenber 13, 2019</u>
ACKNOWLEDGED BY ASSIGNEE	
ASSIGNEE:	

WSOU INVESTMENTS LLC

DocuSigned by: By: Stuart Shanus Name: President Title: 12/16/2019

Calcatel Luceus 2019

Date:

Page ?

104616	103738	103738	103738	103738	103738	103738	103738	103738	FAMILY
104616-DE-EPA	103738-US-NP	103738-JP-NP	103738-GB-EPA	103738-FR-NP	103738-FR-EPA	103738-EP-EPA	103738-DE-EPA	103738-CN-NP	CASE REFERENCE
DE	US	P	GB	FR	FR	ED.	DE	CN	COUNTRY
06-Jun-2003	11-Jun-2002	06-Jun-2002	30-May-2002	12-Jun-2001	30-May-2002	30-May-2002	30-May-2002		APPLICATION DATE
03291355.0	10/166066	2002-165227	02291322.2	0107690	02291322.2	02291322.2	02291322.2	02122778.0	APPLICATION NUMBER
EP1383316	20020187802	2003-37558	EP1267500	2825857	EP1267500	EP1267500	EP1267500	1391357A	PUBLICATION NUMBER
07-Dec-2011			25-Nov-2009	19-May-2006	25-Nov-2009	25-Nov-2009	25-Nov-2009	24-Jan-2007	BSUE DATE
60339322.5			EP1267500	FR2825857	EP1267500	EP1267500	60234485.9	ZL305069	PATENT NUMBER
IMAGEUR OPTIQUE NON REFROIDI	A Method Of Adjusting The Target Value Of An Inner Power Control Loop In A Mobile Radi0communications System	PROCEDE D'AJUSTEMENT DE VALEUR CIBLE DE BOUCLE INTERNE DE CONTROLE DE PUISSANCE DANS UN SYSTEME DE RADIOCOMMUNICATIONS MOBILES	PROCEDE D'AJUSTEMENT DE VALEUR CIBLE DE BOUCLE INTERNE DE CONTROLE DE PUISSANCE DANS UN SYSTEME DE RADIOCOMMUNICATIONS MOBILES	IMPROVED OUTER-LOOP POWER CONTROL ALGORITHM	PROCEDE D'AJUSTEMENT DE VALEUR CIBLE DE BOUCLE INTERNE DE CONTROLE DE PUISSANCE DANS UN SYSTEME DE RADIOCOMMUNICATIONS MOBILES	PROCEDE D'AJUSTEMENT DE VALEUR CIBLE DE BOUCLE INTERNE DE CONTROLE DE PUISSANCE DANS UN SYSTEME DE RADIOCOMMUNICATIONS MOBILES	PROCEDE D'AJUSTEMENT DE VALEUR CIBLE DE BOUCLE INTERNE DE CONTROLE DE PUISSANCE DANS UN SYSTEME DE RADIOCOMMUNICATIONS MOBILES	PROCEDE D'AJUSTEMENT DE VALEUR CIBLE DE BOUCLE INTERNE DE CONTROLE DE PUISSANCE DANS UN SYSTEME DE RADIOCOMMUNICATIONS MOBILES	HHE

EXHIBIT A OF ATTACHMENT C - ASSIGNED PATENTS

SHADOWING MANAGEMENT	EP1406465	T2-May-2013	EP1406465	03292359.1	26-5ep-2003	Ę	104/95-EP-EPA	104/95
SHADOWING MANAGEMENT	60344043.6	15-May-2013	EP1406465	03292359.1	26-Sep-2003	3 E	104795-DE-EPA	104795
SHADOWING MANAGEMENT			1689364	03823665.6	26-Sep-2003	S	104795-CN-PCT	104795
Method And A Server For Allocating Local Area Network Resources To A Terminal According To The Type Of Terminal			20040073674	10/647255	26-Aug-2003	S	104742-US-NP	104742
PROCEDE ET SERVEUR D'ATTRIBUTION DE RESSOURCES D'UN RESEAU LOCAL A UN TERMINAL, PAR DISCRIMINATION DE TYPE	JP4421855	11-Dec-2009	2004104784	2003313148	04-Sep-2003	P	104742-JP-NP	104742
PROCEDE ET SERVEUR D'ATTRIBUTION DE RESSOURCES D'UN RESEAU LOCAL A UN TERMINAL, PAR DISCRIMINATION DE TYPE	EP1398939	31-Jan-2007	EP1398939	03291788.2	18-Jul-2003	ī	104742-IT-EPA	104742
PROCEDE ET SERVEUR D'ATTRIBUTION DE RESSOURCES D'UN RESEAU LOCAL A UN TERMINAL, PAR DISCRIMINATION DE TYPE	EP1398939	31-Jan-2007	EP1398939	03291788.2	18-Jul-2003	GB	104742-GB-EPA	104742
WIAN RESOURCE ALLOCATION SERVER	FR2844413	26-Nov-2004	2844413	02 10 970	05-Sep-2002	FR	104742-FR-NP	104742
PROCEDE ET SERVEUR D'ATTRIBUTION DE RESSOURCES D'UN RESEAU LOCAL A UN TERMINAL, PAR DISCRIMINATION DE TYPE	EP1398939	31-Jan-2007	EP1398939	03291788.2	18-Jul-2003	FR	104742-FR-EPA	104742
PROCEDE ET SERVEUR D'ATTRIBUTION DE RESSOURCES D'UN RESEAU LOCAL A UN TERMINAL, PAR DISCRIMINATION DE TYPE	EP1398939	31-Jan-2007	EP1398939	03291788.2	18-Jul-2003	ЕР	104742-EP-EPA	104742
PROCEDE ET SERVEUR D'ATTRIBUTION DE RESSOURCES D'UN RESEAU LOCAL A UN TERMINAL, PAR DISCRIMINATION DE TYPE	60311550.0	31-Jan-2007	EP1398939	03291788.2	18-Jul-2003	DE	104742-DE-EPA	104742
PROCEDE ET SERVEUR D'ATTRIBUTION DE RESSOURCES D'UN RESEAU LOCAL A UN TERMINAL, PAR DISCRIMINATION DE TYPE	ZL03156190.X	09-Dec-2009	1489341	03156190.X	04-Sep-2003	CN	104742-CN-NP	104742
IMAGEUR OPTIQUE NON REFROIDI	US7091488	15-Aug-2006	20040155195	10/464660	19-Jun-2003	SN	104616-US-NP	104616
IMAGEUR OPTIQUE NON REFROIDI						JP	104616-JP-NP	104616
IMAGEUR OPTIQUE NON REFROIDI	EP1383316	07-Dec-2011	EP1383316	03291355.0	06-Jun-2003	GB	104616-GB-EPA	104616
OPTICAL IMAGER ADAPTED FOR INFRARED	FR0208895	14-Jan-2005	2842384	0208895	15-Jul-2002	FR	104616-FR-NP	104616
IMAGEUR OPTIQUE NON REFROIDI	EP1383316	07-Dec-2011	EP1383316	03291355.0	06-Jun-2003	FR	104616-FR-EPA	104616
IMAGEUR OPTIQUE NON REFROIDI	EP1383316	07-Dec-2011	EP1383316	03291355.0	06-Jun-2003	FP	104616-EP-EPA	104616

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DE	DE	S	Z	US	GB	FR	FR	EР	DE	WO	SU	JP	GB	FR ?	FR
25-Oct-2000	01-Oct-2001	23-Oct-2001	10-May-2006	07-Jul-2004	23-Jun-2004	11-Jul-2003	23-Jun-2004	23-Jun-2004	23-Jun-2004	26-Sep-2003	26-Sep-2003	26-Sep-2003	26-Sep-2003	03-Oct-2002	26-Sen-2003
10052929.1	01440318.2	01137092.0	1165/DEL/2006	10/885058	04291591.8	0308518	04291591.8	04291591.8	04291591.8	PCT/FR03/02830	10/529912	2004-540858	03292359.1	0212242	03292359 1
10052929	EP1202586	1350389	1165/DEL/2006	20050008368	EP1496720	2857530	EP1496720	EP1496720	EP1496720	2004032553	20050215257	2006-501731	EP1406465	2845558	FP1406465
	25-Jan-2006	30-Mar-2005	13-Nov-2017	26-May-2009	14-Sep-2011	23-Sep-2005	14-Sep-2011	14-Sep-2011	14-Sep-2011		29-Jul-2008		15-May-2013	24-Dec-2004	15-Mav-2013
	50108791.5	ZL01137092	IN289507	US7539414	EP1496720	FR2857530	EP1496720	EP 14 96720	602004034307.2		US7406316		EP1406465	FR2845558	FP1406465
Verfahren und Vorrichtung (RNC) zum Steuern eines Funkzellenclusters bestehend aus mehreren Funkzellen eines Multistandard-Funknetzwerks	Verfahren und Vorrichtung (RNC) zum Steuern eines Funkzellenclusters bestehend aus mehreren Funkzellen eines Multistandard-Funknetzwerks	Verfahren und Vorrichtung (RNC) zum Steuern eines Funkzellenclusters bestehend aus mehreren Funkzellen eines Multistandard-Funknetzwerks	MEDIA SERVER SELECTION FOR VOCAL ANNOUNCEMENTS WITHIN A CALL CONTROL SYSTEM	AN OPTICAL NETWORK WITH A VOID FILLING PROTOCOL INDEPENDENT OF BIT RATE	RÉSEAU OPTIQUE À PROTOCOLE DE REMPLISSAGE DE TROUS INDÉPENDANT DU DÉBIT	VOID FILLING PROTOCOL INDEPENDANT OF BIT RATE	RÉSEAU OPTIQUE À PROTOCOLE DE REMPLISSAGE DE TROUS INDÉPENDANT DU DÉBIT	RÉSEAU OPTIQUE À PROTOCOLE DE REMPLISSAGE DE TROUS INDÉPENDANT DU DÉBIT	RÉSEAU OPTIQUE À PROTOCOLE DE REMPLISSAGE DE TROUS INDÉPENDANT DU DÉBIT	SHADOWING MANAGEMENT					

111961	111961	111961	111961	111961	111961	111961	111961	111961		111961	111961	111961	111961	111961	111961	111518	111518	111518	111518	111518
111961-JP-NP	111961-IT-EPA	111961-IE-EPA	111961-GR-EPA	111961-GB-EPA	111961-FR-EPA	111961-FI-EPA	111961-ES-EPA	111961-EP-EPA		111961-DK-EPA	111961-DE-NP	111961-DE-EPA	111961-CH-EPA	111961-BE-EPA	111961-AT-EPA	111518-US-NP	111518-IT-EPA	111518-GB-EPA	111518-FR-EPA	111518-EP-EPA
JP	П	m	GR	GB	FR	F	ES	EP		DK	DE	PE PE	요	BE	AT	US	ī	GB	FR	E P
	11-Sep-2002			11-Sep-2002	11-Sep-2002			11-Sep-2002			04-Oct-2001	11-Sep-2002				17-Oct-2001	01-Oct-2001	01-Oct-2001	01-Oct-2001	01-Oct-2001
	02360263.4			02360263.4	02360263.4			02360263.4			10149001.1	02360263.4				09/978056	01440318.2	01440318.2	01440318.2	01440318.2
	EP1301008			EP1301008	EP1301008			EP1301008				EP1301008				20020049048	EP1202586	EP1202586	EP1202586	EP1202586
	16-Nov-2005			16-Nov-2005	16-Nov-2005			16-Nov-2005				16-Nov-2005				03-Jan-2006	25-Jan-2006	25-Jan-2006	25-Jan-2006	25-Jan-2006
	EP1301008			EP1301008	EP1301008			EP1301008				60207358.8				US6983333	502006901405227	EP1202586	EP1202586	EP1202586
Netzknoten; see emai from D. Cordeiro	Netzknoten	network node	communication network to a terminal and	Netzknoten	efficiency	Netzknoten	Netzknoten	Netzknoten	Netzknoten	Method and device (RNC) for controlling a radio cell cluster consisting of a plurality of radio cells of a multistandard radio network	Verfahren und Vorrichtung (RNC) zum Steuern eines Funkzellendlusters bestehend aus mehreren Funkzellen eines Multistandard-Funknetzwerks	Verfahren und Vorrichtung (RNC) zum Steuern eines Funkzellendusters bestehend aus mehreren Funkzellen eines Multistandard-Funknetzwerks	Verfahren und Vorrichtung (RNC) zum Steuern eines Funkzellendusters bestehend aus mehreren Funkzellen eines Multistandard-Funknetzwerks	Verfahren und Vorrichtung (RNC) zum Steuern eines Funkzellendusters bestehend aus mehreren Funkzellen eines Multistandard-Funknetzwerks						

Modulation format converting filter	EP1345342	18-Feb-2004	EP1345342	02360077.8	04-Mar-2002	EP	113368-EP-EPA	113368
An optical transmitter for transmitting signals with high data rates, an optical transmission system and a method therefore	60200221.4	18-Feb-2004	EP1345342	02360077.8	04-Mar-2002	DE	113368-DE-EPA	113368
An optical transmitter for transmitting signals with high data rates, an optical transmission system and a method therefore	ZL03104991.5	21-Sep-2005	1442975	03104991.5	28-Feb-2003	CN	113368-CN-NP	113368
A method of negotiating an active or a passive role assignment to a control means of a network element, a control means, a program module and a network element therefor	US7394759	01-Jul-2008	20030152026	10/348949	23-Jan-2003	CS	113364-US-NP	113364
A method of determining an active or a passive role assignment to a control means of a network element	EP1335615	08-Nov-2006	EP1335615	02360061.2	12-Feb-2002	=	113364-IT-EPA	113364
A method of determining an active or a passive role assignment to a control means of a network element	EP1335615	08-Nov-2006	EP1335615	02360061.2	12-Feb-2002	GB	113364-GB-EPA	113364
A method of determining an active or a passive role assignment to a control means of a network element	EP1335615	08-Nov-2006	EP1335615	02360061.2	12-Feb-2002	FR	113364-FR-EPA	113364
A method of determining an active or a passive role assignment to a control means of a network element	EP1335615	08-Nov-2006	EP1335615	02360061.2	12-Feb-2002	ЕР	113364-EP-EPA	113364
A method of determining an active or a passive role assignment to a control means of a network element	60215910.5	08-Nov-2006	EP1335615	02360061.2	12-Feb-2002	DE	113364-DE-EPA	113364
Netzknoten				60/351534	25-Jan-2002	SN	111961-US-PSP	111961
Network Nodes	US7424020	09-Sep-2008	20030067915	10/262834	03-Oct-2002	SN	111961-US-NP	111961
Netzknoten						SE	111961-SE-EPA	111961
Netzknoten						РТ	111961-PT-EPA	111961
Netzknoten						Z _C	111961-NL-EPA	111961
Netzknoten						MC.	111961-MC-EPA	111961
Netzknoten				_		LU	111961-LU-EPA	111961

113621	113514	113514	113514	113514	113514	113514	113514	113368	113368	113368	113368
113621-CN-NP	113514-US-NP	113514-IT-EPA	113514-GB-EPA	113514-FR-EPA	113514-EP-EPA	113514-DE-EPA	113514-CN-NP	113368-∪S-NP	113368-IT-EPA	113368-GB-EPA	113368-FR-EPA
S	US	Ħ	GB	FR	EP	DE	C	US	П	GB	FR
23-Apr-2004	13-Feb-2003	28-Feb-2002	28-Feb-2002	28-Feb-2002	28-Feb-2002	28-Feb-2002	27-Feb-2003	20-Feb-2003	04-Mar-2002	04-Mar-2002	04-Mar-2002
200410034197.7	10/365409	02360074.5	02360074.5	02360074.5	02360074.5	02360074.5	03106730.1	10/368628	02360077.8	02360077.8	02360077.8
1540624	20030162568	EP1348976	EP1348976	EP1348976	EP1348976	EP1348976	1441607	20030165341	EP1345342	EP1345342	EP1345342
14-Dec-2005	25-Apr-2006	03-May-2006	03-May-2006	03-May-2006	03-May-2006	03-May-2006	04-May-2005		18-Feb-2004	18-Feb-2004	18-Feb-2004
ZL200410034197.7	US7035651	EP1348976	EP1348976	EP1348976	EP1348976	50206652	ZL03106730.1		EP1345342	EP1345342	EP1345342
METHOD OF GENERATING SPEECH FROM TEXT	Process and devices for determining the radio reception direction in a mobile communications network	Verfahren und Vorrichtung zum Bestimmen der Funkempfangsrichtung in einem Mobilkommunikationsnetz	Verfahren und Vorrichtung zum Bestimmen der Funkempfangsrichtung in einem Mobilkommunikationsnetz	Verfahren und Vorrichtung zum Bestimmen der Funkempfangsrichtung in einem Mobilkommunikationsnetz	Verfahren und Vorrichtung zum Bestimmen der Funkempfangsrichtung in einem Mobilkommunikationsnetz	Verfahren und Vorrichtung zum Bestimmen der Funkempfangsrichtung in einem Mobilkommunikationsnetz	Verfahren und Vorrichtung zum Bestimmen der Funkempfangsrichtung in einem Mobilkommunikationsnetz	Ghost network built using data transmission via phantom mode	An optical transmitter for transmitting signals with high data rates, an optical transmission system and a method therefore	An optical transmitter for transmitting signals with high data rates, an optical transmission system and a method therefore	An optical transmitter for transmitting signals with high data rates, an optical transmission system and a method therefore

RECEIVER.	60316537	26-Sep-2007	EP1473838	03290826.1	02-Apr-2003	DE	113749-DE-EPA	113749
METHOD FOR DECODING VARIABLE								
RECEIVER.	ZL200410030959.6	26-Dec-2007	1534874	200410030959.6	01-Apr-2004	CN	113749-CN-NP	113749
LENGTH CODES AND CORRESPONDING								
METHOD FOR DECODING VARIABLE								
communication scheme	US7324431	29-Jan-2008	20050025113	10/885591	08-Jul-2004	SU	113743-US-NP	113743
frequencies in a multi carrier								
communication signal to multiple carrier								
Method and device for allocating a								
communication scheme	EP1503534	04-Jan-2006	EP1503534	03360093.3	28-Jul-2003	Ī	113743-IT-EPA	113743
frequencies in a multi carrier								
communication signal to multiple carrier								
Method and device for allocating a								
communication scheme	EP1503534	04-Jan-2006	EP1503534	03360093.3	28-Jul-2003	GB	113743-GB-EPA	113743
frequencies in a multi carrier								
communication signal to multiple carrier								
Method and device for allocating a								
communication scheme	EP1503534	04-Jan-2006	EP1503534	03360093.3	28-Jul-2003	FR	113743-FR-EPA	113743
frequencies in a multi carrier								
communication signal to multiple carrier								
Method and device for allocating a								
communication scheme	EP1503534	04-Jan-2006	EP1503534	03360093.3	28-Jul-2003	FP	113743-EP-EPA	113743
frequencies in a multi carrier								
communication signal to multiple carrier								
Method and device for allocating a								
communication scheme	60303109.9	04-Jan-2006	EP1503534	03360093.3	28-Jul-2003	DE	113743-DE-EPA	113743
frequencies in a multi carrier								
communication signal to multiple carrier								
Method and device for allocating a								
communication scheme	ZL20041054676.5	15-Nov-2006	1578208	200410054676.5	27-Jul-2004	CN	113743-CN-NP	113743
frequencies in a multi carrier								
communication signal to multiple carrier								
Method and device for allocating a								
Method Of Generating Speech From Text	US9286885	15-Mar-2016	20040215462	10/817814	06-Apr-2004	US	113621-US-NP	113621
TEXT	EP1471499	01-Oct-2014	EP1471499	03360052.9	25-Apr-2003	GB	113621-GB-EPA	113621
METHOD OF GENERATING SPEECH FROM								
TEXT	EP1471499	01-Oct-2014	EP1471499	03360052.9	25-Apr-2003	FR	113621-FR-EPA	113621
METHOD OF GENERATING SPEECH FROM								
TEXT	EP1471499	01-Oct-2014	EP1471499	03360052.9	25-Apr-2003	EP	113621-EP-EPA	113621
METHOD OF GENERATING SPEECH FROM								
TEXT	EP1471499	01-Oct-2014	EP1471499	03360052.9	25-Apr-2003	DE	113621-DE-EPA	113621
METHOD OF GENERATING SPEECH FROM								

Distributed interference minimization for an OFDM radio interface	ZL200710001993.4	17-Mar-2010	101014189	200710001993.4	16-Jan-2007	CN	114913-CN-NP	114913
Network Element with Multistage Lower Order Switching Matrix	US8018927	13-Sep-2011	20050254527	11/081514	17-Mar-2005	SN	114376-US-NP	114376
Network Element with Multistage Lower Order Switching Matrix	EP1599055	16-Aug-2006	EP1599055	05010456.1	13-May-2005	П	114376-IT-EPA[1]	114376
Network Element with Multistage Lower Order Switching Matrix	EP1596612	05-Jul-2006	EP1596612	04291234.5	14-May-2004	≒	114376-IT-EPA	114376
Network Element with Multistage Lower Order Switching Matrix	EP1599055	16-Aug-2006	EP1599055	05010456.1	13-May-2005	GB	114376-GB-EPA[1]	114376
Network Element with Multistage Lower Order Switching Matrix	EP1596612	05-Jul-2006	EP1596612	04291234.5	14-May-2004	GB	114376-GB-EPA	114376
Network Element with Multistage Lower Order Switching Matrix	EP1599055	16-Aug-2006	EP1599055	05010456.1	13-May-2005	FR	114376-FR-EPA[1]	114376
Network Element with Multistage Lower Order Switching Matrix	EP1596612	05-Jul-2006	EP1596612	04291234.5	14-May-2004	FR	114376-FR-EPA	114376
Network Element with Multistage Lower Order Switching Matrix	EP1599055	16-Aug-2006	EP1599055	05010456.1	13-May-2005	EP	114376-EP-EPA[1]	114376
Network Element with Multistage Lower Order Switching Matrix	EP1596612	05-Jul-2006	EP1596612	04291234.5	14-May-2004	ΕP	114376-EP-EPA	114376
Network Element with Multistage Lower Order Switching Matrix	602005000072.0	16-Aug-2006	EP1599055	05010456.1	13-May-2005	DE	114376-DE-EPA[1]	114376
Network Element with Multistage Lower Order Switching Matrix	602004001448.6	05-Jul-2006	EP1596612	04291234.5	14-May-2004	DE	114376-DE-EPA	114376
Electrical Signal Regenerator	US7440512	21-Oct-2008		10/753327	09-Jan-2004	SU	113928-US-NP	113928
Electrical Signal Regenerator Flectrical Signal Regenerator	FP1445880	12-Oct-2005	EP1445880	03360016.4	05-Feb-2003	IT GB	113928-GB-EPA 113928-IT-FPA	113928
Electrical Signal Regenerator	EP1445880	12-Oct-2005	EP1445880	03360016.4	05-Feb-2003	FR	113928-FR-EPA	113928
Electrical Signal Regenerator	EP1445880	12-Oct-2005	EP1445880	03360016.4	05-Feb-2003	EP	113928-EP-EPA	113928
Electrical Signal Regenerator	60301849.1	12-Oct-2005	EP1445880	03360016.4	05-Feb-2003	DE	113928-DE-EPA	113928
METHOD FOR DECODING VARIABLE LENGTH CODES AND CORRESPONDING RECEIVER.	US6927707	09-Aug-2005		10/810567	29-Mar-2004	SU	113749-US-NP	113749
METHOD FOR DECODING VARIABLE LENGTH CODES AND CORRESPONDING RECEIVER.	EP1473838	26-Sep-2007	EP1473838	03290826.1	02-Apr-2003	GB	113749-GB-EPA	113749
METHOD FOR DECODING VARIABLE LENGTH CODES AND CORRESPONDING RECEIVER.	EP1473838	26-Sep-2007	EP1473838	03290826.1	02-Apr-2003	FR	113749-FR-EPA	113749
METHOD FOR DECODING VARIABLE LENGTH CODES AND CORRESPONDING RECEIVER.	EP1473838	26-Sep-2007	EP1473838	03290826.1	02-Apr-2003	ЕР	113749-EP-EPA	113749

120760	120760	120760	120760	120760	114913	114913	114913	114913	114913	114913	114913
120760-IT-EPA	120760-GB-EPA	120760-FR-EPA	120760-EP-EPA	120760-DE-EPA	114913-WO-PCT	114913-US-NP	114913-JP-NP	114913-GB-EPA	114913-FR-EPA	114913-EP-EPA	114913-DE-EPA
П	GB	FR	EP	DE	WO	S	JP	GB	FR	E	DE
13-Dec-2002	13-Dec-2002	13-Dec-2002	13-Dec-2002	13-Dec-2002	16-Jan-2007	16-Jan-2007	10-Jan-2007	17-Jan-2006	17-Jan-2006	17-Jan-2006	17-Jan-2006
02293102.6	02293102.6	02293102.6	02293102.6	02293102.6	PCT/EP2007/050385	11/623701	2007-2027	06290101.2	06290101.2	06290101.2	06290101.2
EP1429466	EP1429466	EP1429466	EP1429466	EP1429466	2007082883	20070165569	2007195175	EP1809058	EP1809058	EP1809058	EP1809058
14-Sep-2005	14-Sep-2005	14-Sep-2005	14-Sep-2005	14-Sep-2005		27-Jul-2010		28-May-2008	28-May-2008	28-May-2008	28-May-2008
502005901366748	EP1429466	EP1429466	EP1429466	60206185.7		US7764663		EP1809058	EP1809058	EP1809058	502006000839.4
FREQUENCY DEPENDENT TELECOMMUNICATION HYBRID CIRCUIT	Frequenzabhängige Telekommunikations- Hybrid-Schaltung	Distributed interference minimization for an OFDM radio interface	Distributed interference minimization for an OFDM radio interface	Distributed interference minimization for an OFDM radio interface	Verfahren zum Minimieren der Interferenz in einem zellulären OFDM Kommunikationssystem sowie Basisstation und Mobilstation hierfür	Verfahren zum Minimieren der Interferenz in einem zellulären OFDM Kommunikationssystem sowie Basisstation und Mobilstation hierfür	Verfahren zum Minimieren der Interferenz in einem zellulären OFDM Kommunikationssystem sowie Basisstation und Mobilstation hierfür	Verfahren zum Minimieren der Interferenz in einem zellulären OFDM Kommunikationssystem sowie Basisstation und Mobilstation hierfür			

131266 1	 Efficient Per-Queue Backpressure Signaling			20040120335	10/326259	23-Dec-2002	SU	137591-US-NP	137591
120796-US-NP US 12-bec-2003 10/73840 2004136521 23-lun-2010 23-lun-2012 23-lun-2012	Efficient Per-Queue Backpressur	EP1434399	13-Jun-2012	EP1434399	03300259.3	11-Dec-2003	GB	137591-GB-EPA	137591
120766-US-NP US 12-Dec-2003 10/735640 20041035521 121765-GH2PA CN 10-Dec-2004 20041036571.0 20041035521 213768-GH2PA CN 10-Dec-2004 20041036571.0 20041035521 213768-GH2PA CN 10-Dec-2004 20041036571.0 20041035521 213768-GH2PA CN 13-Feb-2004 20290408 EP1564892 201-Dec-2010 EP1564892 2131768-GH2PA GN 13-Feb-2004 20290408 EP1564892 201-Dec-2010 EP1564892 2131768-GH2PA GN 13-Feb-2004 21290408 EP1564892 201-Dec-2010 EP1564892 2131768-US-NP US 15-Dec-2004 21290408 EP1564892 20050204254 12-Mar-2008 US-7366325 2131768-US-NP US 15-Dec-2004 21290408 20070277208 20050204254 12-Mar-2008 US-7366325 20050204254 12-Mar-2008 22-Mar-2007 20020277208 12-Mar-2008 22-Mar-2007 20020277208 12-Mar-2008 22-Mar-2007 20020277208 12-Mar-2008 22-Mar-2008 22-Mar-2008	Efficient Per-Queue Backpressur	EP1434399	13-Jun-2012	EP1434399	03300259.3	11-Dec-2003	FR	137591-FR-EPA	137591
131268-US-NP US 12-Dec-2003 10/73540 2004108571.0 2014018521 131268-PEPA DE 13-bec-2004 20041086671.0 201405481X 23-Jun-2010 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-20041086571.0 21-200408.6 21-20040	Efficient Per-Queue Backpressure	EP1434399	13-Jun-2012	EP1434399	03300259.3	11-Dec-2003	EP	137591-EP-EPA	137591
120760-US-NP	Efficient Per-Queue Backpressure	60341241.6	13-Jun-2012	EP1434399	03300259.3	11-Dec-2003	DE	137591-DE-EPA	137591
12786-US-NP US 12-Dec-2004 20041085671.0 CN155545A 23-Jun-2010 212041086671.0 I31288-CN-NP CN I3-Peb-2004 20041086571.0 CN155545A 23-Jun-2010 212041086671.0 I31288-DE-EPA EP I3-Peb-2004 24290408.6 EP1564892 O1-Dec-20110 EP1564892 I31288-Pe-PA EP I3-Peb-2004 24290408.6 EP1564892 O1-Dec-20110 EP1564892 I31288-Pe-PA EP I3-Peb-2004 C4290408.6 EP1564892 O1-Dec-20110 EP1564892 I31288-Pe-PA EP I3-Peb-2004 I1/012302 20050204254 I2-Dec-20110 EP1564892 I31288-Pe-PA EP I3-Peb-2007 I1/012302 20050204254 I2-Dec-20110 EP1564892 I3-Peb-2004 I3-Peb-2007 I1/012302 20050204254 I2-Dec-20110 EP1564892 I3-Peb-2007 I3-Peb-2007 I3-Peb-2007 EP1564892 I3-Peb-2008 I3-	Wireless Transmission Evaluation And Method	US7085592	01-Aug-2006		09/676402	29-Sep-2000	US	137362-US-NP	137362
131268-CN-NP	Wireless Transmission Evaluation And Method	EP1193897	02-Nov-2016	EP1193897	01402399.8	19-Sep-2001	GB	137362-GB-EPA	137362
120760-US-NP US 12-Dec-2003 10/733640 20040136521 23-Iun-2010 23-Iun-201	Wireless Transmission Evaluation And Method	EP1193897	02-Nov-2016	EP1193897	01402399.8	19-Sep-2001	FR	137362-FR-EPA	137362
120760-US-NP US 12-Dec-2003 10/733640 20040135521 20401085671.0 21200410086671.0 21200408.6 212564892 201-Dec-2010 21256	Wireless Transmission Evaluation System And Method	EP1193897	02-Nov-2016	EP1193897	01402399.8	19-Sep-2001	EP	137362-EP-EPA	137362
120766-US-NP	Wireless Transmission Evaluation And Method	60150185.3	02-Nov-2016	EP1193897	01402399.8	19-Sep-2001	DE	137362-DE-EPA	137362
120760-US-NP US 12-Dec-2003 10/733640 20040136521 23-Jun-2010 21.200410086671.0 21.31288-CN-NP CN 10-Dec-2004 200410086671.0 20.041036521 23-Jun-2010 21.200410086671.0 21.200410086671.0 21.200410086671.0 21.200410086671.0 21.200410086671.0 21.200410086671.0 21.200410086671.0 21.200410086671.0 21.200410086671.0 21.200410086671.0 21.200410086671.0 21.200410086671.0 21.200410086671.0 22.200408.6	INFORMED DYNAMIC SHARED PA PROTECTION				60/328087	10-Oct-2001	S	135886-US-PSP	135886
120760-US-NP	INFORMED DYNAMIC PATH PROT	US7113481	26-Sep-2006	20040246892	09/998362	29-Nov-2001	S	135886-US-NP	135886
120760-US-NP US 12-Dec-2003 10/733640 20040136521 2-Jun-2010 21200410086671.0 131268-CN-NP CN 10-Dec-2004 200410086671.0 CN1655461A 23-Jun-2010 21200410086671.0 131268-DE-EPA DE 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-FPA EP 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-GP-EPA FR 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-US-NP US 16-Dec-2004 11/012302 20050204254 18-Mar-2008 US7346826 134248-US-NP US 08-Mar-2007 11/683459 20070277208 15-Oct-2013 US8561109 134248-WO-PCT WO 03-Apr-2007 PCT/US2007/65833 2007118064 14-Feb-2007 2102144319.X 135886-CN-NP CN 09-Oct-2002 02144319.X 1412968A 14-Feb-2007 2102144319.X	Dynamic Path Protection For Opt Networks			EP1303110	02020784.1	17-Sep-2002	FP	135886-EP-EPA	135886
120760-US-NP US 12-Dec-2003 10/733640 20040136521 23-Jun-2010 21200410086671.0 131268-CN-NP CN 10-Dec-2004 200410086671.0 CN1655461A 23-Jun-2010 21200410086671.0 131268-DE-EPA DE 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-FR-EPA EP 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-GB-EPA FR 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-GB-EPA GB 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-US-NP US 16-Dec-2004 11/012302 20050204254 18-Mar-2008 US7346826 134248-US-NP US 08-Mar-2007 11/683459 20070277208 15-Oct-2013 US8561109 134248-WO-PCT WO 03-Apr-2007 PCT/US2007/65833 2007118064 15-Oct-2013 US8561109	INFORMED DYNAMIC SHARED PA PROTECTION FOR OPTICAL NETW	ZL02144319.X	14-Feb-2007	1412968A	02144319.X	09-Oct-2002	CN	135886-CN-NP	135886
120760-US-NP US 12-Dec-2003 10/733640 20040136521 23-Jun-2010 21200410086671.0 131268-CN-NP CN 10-Dec-2004 200410086671.0 CN1655461A 23-Jun-2010 21200410086671.0 131268-DE-EPA DE 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-FR-EPA EP 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-GB-EPA FR 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-GB-EPA GB 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-US-NP US 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-US-NP US 16-Dec-2004 11/012302 20050204254 18-Mar-2008 US7346826 134248-US-NP US 08-Mar-2007 11/683459 20070277208 15-Oct-2013 US8561109 134248-US-PSP US 03-Apr-2006 60/744165 20070277208 15-Oct-2013 US8561109	STREAMING OF LIVE TV FEEDS			2007118064	PCT/US2007/65833	03-Apr-2007	Wo	134248-WO-PCT	134248
120760-US-NP US 12-Dec-2003 10/733640 20040136521 23-Jun-2010 21200410086671.0 131268-CN-NP CN 10-Dec-2004 200410086671.0 CN1655461A 23-Jun-2010 21200410086671.0 131268-DE-EPA DE 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-FPA EP 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-GB-EPA FR 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-GB-EPA GB 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-US-NP US 16-Dec-2004 11/012302 20050204254 18-Mar-2008 US7346826 134248-US-NP US 08-Mar-2007 11/683459 20070277208 15-Oct-2013 US8561109	STREAMING OF LIVE TV FEEDS				60/744165	03-Apr-2006	SN	134248-US-PSP	134248
120760-US-NP US 12-Dec-2003 10/733640 20040136521 23-Jun-2010 21200410086671.0 131268-CN-NP CN 10-Dec-2004 200410086671.0 CN1655461A 23-Jun-2010 21200410086671.0 131268-DE-EPA DE 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-EP-EPA EP 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-GB-EPA FR 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-GB-EPA GB 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-US-NP US 16-Dec-2004 11/012302 20050204254 18-Mar-2008 US7346826	Method And System For Aggrega Program Information From Differ TV Feeds	US8561109	15-Oct-2013	20070277208	11/683459	08-Mar-2007	US	134248-US-NP	134248
120760-US-NP US 12-Dec-2003 10/733640 20040136521 23-Jun-2010 Z1200410086671.0 131268-CN-NP CN 10-Dec-2004 200410086671.0 CN1655461A 23-Jun-2010 Z1200410086671.0 131268-DE-EPA DE 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-FP-EPA EP 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-FR-EPA FR 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-GB-EPA GB 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892	ERASURE FEC DECODER AND ME	US7346826	18-Mar-2008	20050204254	11/012302	16-Dec-2004	SN	131268-US-NP	131268
120760-US-NP US 12-Dec-2003 10/733640 20040136521 23-Jun-2010 Z1200410086671.0 131268-CN-NP CN 10-Dec-2004 200410086671.0 CN1655461A 23-Jun-2010 Z1200410086671.0 131268-DE-EPA DE 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-FR-EPA EP 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-FR-EPA FR 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892	ERASURE FEC DECODER AND ME	EP1564892	01-Dec-2010	EP1564892	04290408.6	13-Feb-2004	GB	131268-GB-EPA	131268
120760-US-NP US 12-Dec-2003 10/733640 20040136521 20040136521 131268-CN-NP CN 10-Dec-2004 200410086671.0 CN1655461A 23-Jun-2010 Z1200410086671.0 131268-DE-EPA DE 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892 131268-EP-EPA EP 13-Feb-2004 04290408.6 EP1564892 01-Dec-2010 EP1564892	ERASURE FEC DECODER AND ME	EP1564892	01-Dec-2010	EP1564892	04290408.6	13-Feb-2004	FR	131268-FR-EPA	131268
120760-US-NP US 12-Dec-2003 10/733640 20040136521 23-Jun-2010 21200410086671.0 EP1564892 01-Dec-2010 EP1564892	ERASURE FEC DECODER AND ME	EP1564892	01-Dec-2010	EP1564892	04290408.6	13-Feb-2004	EP	131268-EP-EPA	131268
120760-US-NP US 12-Dec-2003 10/733640 20040136521 2131268-CN-NP CN 10-Dec-2004 200410086671.0 CN1655461A 23-Jun-2010 ZL200410086671.0	ERASURE FEC DECODER AND ME	EP1564892	01-Dec-2010	EP1564892	04290408.6	13-Feb-2004	DE	131268-DE-EPA	131268
120760-US-NP US 12-Dec-2003 10/733640 20040136521	ERASURE FEC DECODER AND MI	ZL200410086671.0	23-Jun-2010	CN1655461A	200410086671.0	10-Dec-2004	CN	131268-CN-NP	131268
	FREQUENCY DEPENDENT TELECOMMUNICATION HYBRID			20040136521	10/733640	12-Dec-2003	SU	120760-US-NP	120760

801637	801637	801637	801637	801637	801637	801467	801436	189231	189231	189231	189231	189231	189231
801637-IN-PCT	801637-GB-EPT	801637-FR-EPT	801637-EP-EPT	801637-DE-EPT	801637-CN-PCT	801467-US-NP	801436-US-NP	189231-WO-PCT	189231-US-PCT	189231-GB-ЕРТ	189231-FR-NP	189231-FR-EPT	189231-ЕР-ЕРТ
Z	GB	FR	EP	DE	S	S	S	WO	US	GB	FR	F	EP
31-Oct-2007	31-Oct-2007	31-Oct-2007	31-Oct-2007	31-Oct-2007	31-Oct-2007	30-Jan-2008	30-Jan-2008	10-May-2005	10-May-2005	10-May-2005	24-May-2004	10-May-2005	10-May-2005
2618/DELNP/2010	07816712.9	07816712.9	07816712.9	07816712.9	200780100627.2	12/010803	12/010804	PCT/FR2005/050306	11/569590	05762468.6	0451014	05762468.6	05762468.6
2618/DELNP/2010	EP2206282	EP2206282	EP2206282	EP2206282	101803275	20090190473	20090193097	2005119967	20080008115	EP1782570	2870663	EP1782570	EP1782570
28-Mar-2018	17-Sep-2014	17-Sep-2014	17-Sep-2014	17-Sep-2014	25-Jul-2012	21-Aug-2012	26-Oct-2010		18-Nov-2014	05-Jul-2017	18-Aug-2006	05-Jul-2017	05-Jul-2017
IN295117	EP2206282	EP2206282	EP2206282	EP2206282	ZL200780100627.2	US8248940	US7822868		US8891440	EP1782570	FR2870663	EP1782570	EP1782570
Use SIP Extension to transit ISUP billing information in IMS	Use SIP Extension to transit ISUP billing information in IMS	Use SIP Extension to transit ISUP billing information in IMS	Use SIP Extension to transit ISUP billing information in IMS	Use SIP Extension to transit ISUP billing information in IMS	Use SIP Extension to transit ISUP billing information in IMS	Method And Apparatus For Targeted Content Delivery Based On Internet Video Traffic Analysis	METHOD AND APPARTAUS FOR TARGETED CONTENT DELIVERY BASED ON RSS FEED ANALYSIS	TRANSMISSION D'INFORMATIONS DE GESTION, APRES SELECTION ET COMPRESSION EVENTUELLE, AU SEIN D'UN RESEAU DE COMMUNICATION RADIO	Transmission Of Control Information After Optional Selection And Compression Within A Radio Communication Network	TRANSMISSION D'INFORMATIONS DE GESTION, APRES SELECTION ET COMPRESSION EVENTUELLE, AU SEIN D'UN RESEAU DE COMMUNICATION RADIO	9763 E1 COMPRESSOR - CONCENTRATEUR SNMP	TRANSMISSION D'INFORMATIONS DE GESTION, APRES SELECTION ET COMPRESSION EVENTUELLE, AU SEIN D'UN RESEAU DE COMMUNICATION RADIO	TRANSMISSION D'INFORMATIONS DE GESTION, APRES SELECTION ET COMPRESSION EVENTUELLE, AU SEIN D'UN RESEAU DE COMMUNICATION RADIO

	EP2209089	29-Jun-2011	EP2209089	09178191.4	07-Dec-2009	GB	803769-GB-EPD	803769
An original graphic and cartographic zoom	EP2209088	22-Jun-2011	EP2209088	09176053.8	16-Nov-2009	GB	803769-GB-EPA	803769
An original graphic and cartographic zoom	FR2941319	27-May-2011	2941319	0950328	20-Jan-2009	FR	803769-FR-NP	803769
An original graphic and cartographic zoom	EP2209089	29-Jun-2011	EP2209089	09178191.4	07-Dec-2009	FR	803769-FR-EPD	803769
An original graphic and cartographic zoom	EP2209088	22-Jun-2011	EP2209088	09176053.8	16-Nov-2009	FR	803769-FR-EPA	803769
An original graphic and cartographic zoom	EP2209089	29-Jun-2011	EP2209089	09178191.4	07-Dec-2009	EP	803769-EP-EPD	803769
An original graphic and cartographic zoom	EP2209088	22-Jun-2011	EP2209088	09176053.8	16-Nov-2009	EP	803769-EP-EPA	803769
An original graphic and cartographic zoom	602009001676.8	29-Jun-2011	EP2209089	09178191.4	07-Dec-2009	DE	803769-DE-EPD	803769
An original graphic and cartographic zoom	602009001605.9	22-Jun-2011	EP2209088	09176053.8	16-Nov-2009	DE	803769-DE-EPA	803769
Map Display Method	ZL200910254071.3	11-Apr-2012	101783091	200910254071.3	16-Dec-2009	CN	803769-CN-NP	803769
Map Display Method Used To Enhance The Display Of A Building By Showing Several Levels Of This Building	ZL201010004801.7	29-Aug-2012	101782925	201010004801.7	18-Jan-2010	CN	803769-CN-DIV	803769
SYSTEM AND METHOD FOR MOBILE IP			2010043349	PCT/EP2009/007280	08-Oct-2009	WO	803500-WO-PCT	803500
System And Method For Mobile IP	US9503889	22-Nov-2016	20100097994	12/580453	16-Oct-2009	SN	803500-US-NP	803500
SYSTEM AND METHOD FOR MOBILE IP	KR101589461	22-Jan-2016	20110069878	10-2011-7010962	08-Oct-2009	Ŕ	803500-KR-PCT	803500
SYSTEM AND METHOD FOR MOBILE IP	JP5905722	25-Mar-2016	2012506180	2011-531386	08-Oct-2009	JP	803500-JP-PCT	803500
SYSTEM AND METHOD FOR MOBILE IP	EP2178265	04-Sep-2013	EP2178265	08305698.6	17-Oct-2008	GB	803500-GB-EPA	803500
SYSTEM AND METHOD FOR MOBILE IP	EP2178265	04-Sep-2013	EP2178265	08305698.6	17-Oct-2008	Ŗ	803500-FR-EPA	803500
SYSTEM AND METHOD FOR MOBILE IP	EP2178265	04-Sep-2013	EP2178265	08305698.6	17-Oct-2008	ΕP	803500-EP-EPA	803500
SYSTEM AND METHOD FOR MOBILE IP	602008027274.5	04-Sep-2013	EP2178265	08305698.6	17-Oct-2008	DE	803500-DE-EPA	803500
SYSTEM AND METHOD FOR MOBILE IP	ZL200910174007.4	11-Mar-2015	101730166	200910174007.4	16-Oct-2009	CN	803500-CN-NP	803500
information in IMS			2009055966	PCT/CN2007/003099	31-Oct-2007	WO	801637-WO-PCT	801637
Use SIP Extension to transit ISUP billing		100	101001	100011	0000	,	00 - 00	OO FOO
Information In A Packet Switching Based	1169287330	28-Eah-2017	20100257079	17/733914	31-Oct-2007	<u></u>	801637-IIS-DCT	801637
 Method For Generating A Real Time Billing								
information in IMS	KR101399716	20-May-2014		20107009551	31-Oct-2007	Ŕ	801637-KR-PCT	801637
information in IMS	JP5437257	20-Dec-2013	2011502407	2010531396	31-0ct-2007	JР	801637-JP-PCT	801637

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805125	804603	804168	804168	804168	804168	803832	803832	803832	803832	803769	803769
805125-CN-PCT	804603-US-NP	804168-GB-EPA	804168-FR-EPA	804168-EP-EPA	804168-DE-EPA	803832-GB-EPA	803832-FR-EPA	803832-EP-EPA	803832-DE-EPA	803769-US-NP	803769-US-DIV
CN	US	GB	FR	Ę	DE	GB	FR	ΕÞ	DE	SN	SU
11-Oct-2010	13-Feb-2009	13-Oct-2008	13-Oct-2008	13-Oct-2008	13-Oct-2008	09-Jan-2009	09-Jan-2009	09-Jan-2009	09-Jan-2009	13-Nov-2009	02-Dec-2009
201080047192.1	12/371140	08305674.7	08305674.7	08305674.7	08305674.7	09305020.1	09305020.1	09305020.1	09305020.1	12/591251	12/591822
CN102576434A	20100211608	EP2175368	EP2175368	EP2175368	EP2175368	EP2207375	EP2207375	EP2207375	EP2207375	20100182342	20100182317
11-May-2016	19-Jun-2012	14-Jul-2010	14-Jul-2010	14-Jul-2010	14-Jul-2010	05-Jan-2011	05-Jan-2011	05-Jan-2011	05-Jan-2011	24-Jun-2014	25-Mar-2014
ZL2010800471921	US8204915	EP2175368	EP2175368	EP2175368	602008001802.4	EP2207375	EP2207375	EP2207375	602009000537.5	US8760473	US8681153
Method For Managing E-Mail Attachments In An E-Mail Application	Apparatus And Method for Generating A Database That Maps Metadata To P2P Content	Efficient universal lock-free interrupt synchronization with extension to generic datastructures	Efficient universal lock-free interrupt synchronization with extension to generic datastructures	Efficient universal lock-free interrupt synchronization with extension to generic datastructures	Efficient universal lock-free interrupt synchronization with extension to generic datastructures	Algorithm for Self Organizing Frequency Planning, Coordination and Optimization in Cellular Networks	Algorithm for Self Organizing Frequency Planning, Coordination and Optimization in Cellular Networks	Algorithm for Self Organizing Frequency Planning, Coordination and Optimization in Cellular Networks	Algorithm for Self Organizing Frequency Planning, Coordination and Optimization in Cellular Networks	Map Display Method	Map Display Method Used To Enhance The Display Of A Building By Showing Several Levels Of This Building

805727	805727	805727	805619	805287	805287	805269	805125	805125	805125	805125	805125	805125	805125
805727-EP-EPA	805727-DE-EPA	805727-CN-PCT	805619-US-NP	805287-WO-PCT	805287-US-NP	805269-US-NP	805125-WO-PCT	805125-US-PCT	805125-KR-PCT	805125-JP-PCT	805125-IN-PCT	805125-FR-NP	805125-EP-EPT
-EPA	-EPA	-РСТ	NP)-PCT	-NP	NP)-PCT	-РСТ	-PCT	PCT	PCT	Ŋ	ЕРТ
ЕР	DE	C	SN	WO	SU	SN	WO	SU	KR	JP	Z	FR	EP
10-Sep-2009	10-Sep-2009	03-Aug-2010	18-Dec-2009	05-Jan-2011	11-Jan-2010	11-Jun-2009	11-Oct-2010	11-Oct-2010	11-Oct-2010	11-Oct-2010	11-Oct-2010	19-Oct-2009	11-Oct-2010
09360042.7	09360042.7	2010800	12/642099	PCT/US2	12/655991	12/482533	PCT/FR2	13/502831	20127012606	2012534737	3388/СН	0905019	10781967.4
12.7	12.7	201080050611.7	99	PCT/US2011/020156	91	33	PCT/FR2010/052138	31	2606	1737	3388/CHENP/2012		57.4
				6			ιω						
EP2296410	EP2296410	102640545	20110149992	2011084966	20110172993	20100316051	2011048301	20120265817		2013508843	3388/C	2951560	EP2491521
110	110	3 45	19992	9961	72993	16051	301	55817		8843	3388/CHENP/2012	9	521
08-F	08-F	13-1	04-S		20-A	15-N		17-N				18-N	
08-Feb-2017	08-Feb-2017	13-May-2015	04-Sep-2012		20-Aug-2013	15-May-2012		17-May-2016				18-Nov-2011	
EP:	60:	ZL	S		S	SU		SU				FR:	
EP2296410	602009044110.8	ZL201080050611.7	US8259719		US8515769	US8179898		US9342820				FR2951560	
	0.8	511.7											
Evolving Algorithn	Evolving Algorithn	Telecomr Methods	A Methor	Single Ch	Single Ch Transcod	Packet Pr	PROCEDI A UN CO. DE COUR	Method For Managing E In An E-Mail Application	Method For Managing E In An E-Mail Application	Method In An E-N	Method In An E-N	PROCEDI A UN CO. DE COUR	PROCEDE DE GESTION DES PIE A UN COURRIEL DANS UNE AP DE COURRIER ELECTRONIQUE
Femtocel	Femtocel	municatio	d And Ap ces On Br	annel EV ling In Pa	annel EV ling In Pa	rocessing	E DE GEST URRIEL D	For Mana ⁄Iail Appli	For Mana ⁄Iail Appli	Method For Managing E In An E-Mail Application	Method For Managing E In An E-Mail Application	E DE GEST URRIEL D	E DE GEST URRIEL D
Covera _{ 3enetic P	l Covera Genetic P	ons Netw	paratus F	Single Channel EVRCx, ISLP And I Transcoding In Packet Networks	Single Channel EVRCx, ISLP And I Transcoding In Packet Networks	Using Br	PROCEDE DE GESTION DES PIE A UN COURRIEL DANS UNE AP DE COURRIER ELECTRONIQUE	ging E-M	ging E-M	ging E-M	ging E-M	PROCEDE DE GESTION DES PIE A UN COURRIEL DANS UNE AP DE COURRIER ELECTRONIQUE	TION DES ANS UNE
Evolving Femtocell Coverage Optimization Algorithms Using Genetic Programming	Evolving Femtocell Coverage Optimization Algorithms Using Genetic Programming	Telecommunications Network Node And Methods	A Method And Apparatus For Imposing Preferences On Broadcast/Multicast Service	Single Channel EVRCx, ISLP And G711 Transcoding In Packet Networks	Single Channel EVRCx, ISLP And G.711 Transcoding In Packet Networks	Packet Processing Using Braided Tries	PROCEDE DE GESTION DES PIECES JOINTES A UN COURRIEL DANS UNE APPLICATION DE COURRIER ELECTRONIQUE	Method For Managing E-Mail Attachments In An E-Mail Application	Method For Managing E-Mail Attachments In An E-Mail Application	Method For Managing E-Mail Attachments In An E-Mail Application	Method For Managing E-Mail Attachments In An E-Mail Application	PROCEDE DE GESTION DES PIECES JOINTES A UN COURRIEL DANS UNE APPLICATION DE COURRIER ELECTRONIQUE	PROCEDE DE GESTION DES PIECES JOINTES A UN COURRIEL DANS UNE APPLICATION DE COURRIER ELECTRONIQUE
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channel spaced grids A method to assign a signal in a transparent optical network using multiple								
channel spaced grid	-							
channel spaced grid								
	EP2453603	30-Jul-2014	EP2453603	10306243.6	10-Nov-2010	DE	807107-DE-EPA	807107
transparent patient pot mail me								
A method to assign								
Cells in Macro Cells			2011109166	PCT/US2011/024958	16-Feb-2011	W _O	806778-WO-PCT	806778
cells in Macro cells	US8509213	13-Aug-2013	20110211537	12/659201	01-Mar-2010	US	806//8-US-NP	8//408
Methods For In-Band Overlay Of Small)				,		
Cells in Macro Cells	KR101479481	30-Dec-2014		20127025370	16-Feb-2011	S	806778-KR-PCT	806778
Methods For In-Band Overlay Of Small								
Cells in Macro Cells	JP5484602	28-Feb-2014	2013521701	2012556091	16-Feb-2011	JP	806778-JP-PCT	806778
Methods For In-Band Overlay Of Small								
Cells in Macro Cells			7406/CHENP/2012	7406/CHENP/2012	16-Feb-2011	Z	806778-IN-PCT	806778
Methods For In-Band Overlay Of Small								
Cells in Macro Cells	EP2543208	16-Jan-2019	EP2543208	11706682.9	16-Feb-2011	ΕP	806778-EP-EPT	806778
Methods For In-Band Overlay Of Small								
Cells in Macro Cells	ZL201180011972.5	25-Nov-2015	CN102783198A	201180011972.5	16-Feb-2011	CN	806778-CN-PCT	806778
Methods For In-Band Overlay Of Small								
Communication Systems			2011087935	PCT/US2011/020174	05-Jan-2011	Wo	806658-WO-PCT	806658
Method Of Controlling Resource Usage In								
Communication Systems	US8649269	11-Feb-2014	20110176433	12/656071	15-Jan-2010	SN	806658-US-NP	806658
Method Of Controlling Resource Usage In								
Communication Systems	KR101404436	30-May-2014		20127021196	05-Jan-2011	Ŕ	806658-KR-PCT	806658
Method Of Controlling Resource Usage In								
Communication Systems	JP5575271	11-Jul-2014	2013517684	2012548968	05-Jan-2011	JP	806658-JP-PCT	806658
Method Of Controlling Resource Usage In								
Communication Systems			6115/CHENP/2012	6115/CHENP/2012	05-Jan-2011	Z	806658-IN-PCT	806658
Method Of Controlling Resource Usage In								
Communication Systems			EP2526732	11702718.5	05-Jan-2011	EP	806658-EP-EPT	806658
Method Of Controlling Resource Usage In								
Communication Systems			CN102714865A	201180006043.5	05-Jan-2011	CN	806658-CN-PCT	806658
Method Of Controlling Resource ∪sage In								
Wireline/Wireless Converged Solution	US8498286	30-Jul-2013	20120177028	12/987383	10-Jan-2011	US	806650-US-NP	806650
Rules Function (PCRF) For								
Radius Gateway On Policy Charging And								
switch off	EP2360975	12-Sep-2012	EP2360975	10290065.1	12-Feb-2010	GB	806648-GB-EPA	806648
dependent smart (LTE-compatible) PA								
Energy saving in eNodeB by traffic								
switch off	EP2360975	12-Sep-2012	EP2360975	10290065.1	12-Feb-2010	FR	806648-FR-EPA	806648
dependent smart (LTE-compatible) PA								

807715	807715	807715	807715	807715	807715	807715	807664	807664	807664	807664	807107	807107
807715-WO-PCT	807715-US-NP	807715-KR-PCT	807715-JP-PCT	807715-IN-PCT	807715-EP-EPT	807715-CN-PCT	807664-GB-EPA	807664-FR-EPA	807664-EP-EPA	807664-DE-EPA	807107-GB-EPA	807107-FR-EPA
Wo	S	KR	Jp	Z	EP P	C	GB	FR	ЕP	DE	GB	FR
12-Jan-2012	20-Jan-2011	12-Jan-2012	12-Jan-2012	12-Jan-2012	12-Jan-2012	12-Jan-2012	08-Nov-2010	08-Nov-2010	08-Nov-2010	08-Nov-2010	10-Nov-2010	10-Nov-2010
PCT/US2012/021017	13/010420	20137019251	2013550497	6111/DELNP/2013	12701586.5	201280006017.7	10306220.4	10306220.4	10306220.4	10306220.4	10306243.6	10306243.6
2012099761	20120189047		2014504829	6111/DELNP/2013	EP2666252	CN103329470A	EP2451107	EP2451107	EP2451107	EP2451107	EP2453603	EP2453603
	28-Apr-2015	12-Jan-2015	12-Jun-2015				12-Jun-2013	12-Jun-2013	12-Jun-2013	12-Jun-2013	30-Jul-2014	30-Jul-2014
	US9020029	KR101483898	JP5759020				EP2451107	EP2451107	EP2451107	602010007778.0	EP2 4 53603	EP2453603
Multiple Description Coding Over Multiple Transmission Resources In Time Or Frequency Using Analog Modulation	Arbitrary Precision Multiple Description Coding	Multiple Description Coding Over Multiple Transmission Resources In Time Or Frequency Using Analog Modulation	Multiple Description Coding Over Multiple Transmission Resources In Time Or Frequency Using Analog Modulation	Multiple Description Coding Over Multiple Transmission Resources In Time Or Frequency Using Analog Modulation	Multiple Description Coding Over Multiple Transmission Resources In Time Or Frequency Using Analog Modulation	Multiple Description Coding Over Multiple Transmission Resources In Time Or Frequency Using Analog Modulation	Method And Arrangement For Extracting Information From Signals in Receivers	Method And Arrangement For Extracting Information From Signals in Receivers	Method And Arrangement For Extracting Information From Signals in Receivers	Method And Arrangement For Extracting Information From Signals in Receivers	A method to assign a signal in a transparent optical network using multiple channel spaced grids	A method to assign a signal in a transparent optical network using multiple channel spaced grids

808358	808358	808128	808128	808124	807939	807939	807939	807939	807939	807939	807939	807939	807939	807939	807733	807733	807733	807733
808358-EP-EPT	808358-CN-PCT	808128-WO-PCT	808128-US-NP	808124-US-CIP	807939-WO-PCT	807939-US-PCT	807939-KR-PCT	807939-JP-PCT	807939-IN-PCT	807939-GB-EPA	807939-FR-EPA	807939-EP-EPA	807939-DE-EPA	807939-CN-PCT	807733-GB-EPA	807733-FR-EPA	807733-EP-EPA	807733-DE-EPA
ЕР	CN	WO	S	SU	Wo	US	S	JP	Z	GB	FR	EP	DE	C	GB	FR	F	DE
22-May-2012	22-May-2012	14-Sep-2011	16-Sep-2010	23-Aug-2010	03-Jan-2012	03-Jan-2012	03-Jan-2012	03-Jan-2012	03-Jan-2012	12-Jan-2011	12-Jan-2011	12-Jan-2011	12-Jan-2011	03-Jan-2012	21-Jan-2011	21-Jan-2011	21-Jan-2011	21-Jan-2011
12792613.7	201280025577.7	PCT/US2011/051491	12/883355	12/861423	PCT/EP2012/050055	13/979189	20137020955	2013548795	5546/CHENP/2013	11290011.3	11290011.3	11290011.3	11290011.3	201280012788.7	11290034.5	11290034.5	11290034.5	11290034.5
EP2716098	CN103609160A	2012037183	20120072463	20110002696	2012095335	20140043992			5546/CHENP/2013	EP2477357	EP2477357	EP2477357	EP2477357	CN103563307A	EP2479911	EP2479911	EP2479911	EP2479911
			04-Mar-2014	04-Jun-2013		29-Nov-2016	31-Oct-2014	14-Nov-2014		25-Jun-2014	25-Jun-2014	25-Jun-2014	25-Jun-2014	23-Nov-2016	30-Mar-2016	30-Mar-2016	30-Mar-2016	30-Mar-2016
			US8666978	US8457500		US9509582	KR101459252	JP5646090		EP2477357	EP2477357	EP2477357	EP2477357	ZL201280012788.7	EP2479911	EP2479911	EP2479911	EP2479911
Message Flow Rerouting For Autonomous Self-Disrupting Network Element	Message Flow Rerouting For Autonomous Self-Disrupting Network Element	Method And Apparatus For Managing Content Tagging And Tagged Content	Method And Apparatus For Managing Content Tagging And Tagged Content	All-Optical Methods And Systems	Traceroute_Delay Diagnostic Command	Traceroute Delay Diagnostic Command	Method and Apparatus for Traceroute_Delay Diagnostic Command	Method of optical data transmission										

809389	809389	809244	809244	809244	809244	808740	808740	808740	808740	808703	808358	808358	808358	808358
809389-EP-EPA	809389-DE-EPA	809244-GB-EPA	809244-FR-EPA	809244-EP-EPA	809244-DE-EPA	808740-GB-EPA	808740-FR-EPA	808740-EP-EPA	808740-DE-EPA	808703-US-NP	808358-WO-PCT	808358-US-NP	808358-JP-PCT	808358-IN-PCT
ЕP	DE	GB	FR	EР	DE	GB	FR	EP	DE	US	WO	US	JP	Z
05-Sep-2011	05-Sep-2011	15-Feb-2012	15-Feb-2012	15-Feb-2012	15-Feb-2012	28-Feb-2011	28-Feb-2011	28-Feb-2011	28-Feb-2011	03-Mar-2011	22-May-2012	31-May-2011	22-May-2012	22-May-2012
11306097.4	11306097.4	12305166.6	12305166.6	12305166.6	12305166.6	11290109.5	11290109.5	11290109.5	11290109.5	13/039580	PCT/CA2012/050334	13/149514	2014513015	9106/CHENP/2013
2566291	2566291	EP2629501	EP2629501	EP2629501	EP2629501	EP2495921	EP2495921	EP2495921	EP2495921	20120224855	2012162823	20120309320	2014518463	9106/CHENP/2013
27-Jun-2018	27-Jun-2018	22-Oct-2014	22-Oct-2014	22-Oct-2014	22-Oct-2014	20-Dec-2017	20-Dec-2017	20-Dec-2017	20-Dec-2017	26-Nov-2013		21-Jan-2014	14-Aug-2015	
2566291	2566291	EP2629501	EP2629501	EP2629501	EP2629501	EP2495921	EP2495921	EP2495921	EP2495921	US8594515		US8634307	JP5792379	
Apparatus, Method, And Computer Program For A Remote Unit And A Central Unit	Apparatus, Method, And Computer Program For A Remote Unit And A Central Unit	PROCEDE POUR ARRETER LES SONNERIES D'UN GROUPE DE TERMINAUX	PROCEDE POUR ARRETER LES SONNERIES D'UN GROUPE DE TERMINAUX	PROCEDE POUR ARRETER LES SONNERIES D'UN GROUPE DE TERMINAUX	PROCEDE POUR ARRETER LES SONNERIES D'UN GROUPE DE TERMINAUX	Enhanced signal detection for distortion mitigation in optical transmission systems	Enhanced signal detection for distortion mitigation in optical transmission systems	Enhanced signal detection for distortion mitigation in optical transmission systems	Enhanced signal detection for distortion mitigation in optical transmission systems	Digital Phase Conjugation For Fiber-Optic Links	Message Flow Rerouting For Autonomous Self-Disrupting Network Element			

Hierarchical Metering Policy Attributes	US8694629	08-Apr-2014	20130086253	13/251709	03-Oct-2011	US	810342-US-NP	810342
A Method And System For Rate Adaptive Allocation Of Resources			2013052337	PCT/US2012/057462	27-Sep-2012	Wo	810327-WO-PCT	810327
Method And System For Rate Adaptive Allocation Of Resources	US8792439	29-Jul-2014	20130089033	13/253393	05-Oct-2011	US	810327-US-NP	810327
A Method And System For Rate Adaptive Allocation Of Resources	KR101567295	03-Nov-2015	20140077926	20147010405	27-Sep-2012	KR	810327-KR-PCT	810327
A Method And System For Rate Adaptive Allocation Of Resources	JP5840795	20-Nov-2015	2014534681	2014534605	27-Sep-2012	JP	810327-JP-PCT	810327
A Method And System For Rate Adaptive Allocation Of Resources			EP2764723	12770401.3	27-Sep-2012	ЕР	810327-EP-EPT	810327
A Method And System For Rate Adaptive Allocation Of Resources	ZL201280048834.9	17-Oct-2017	CN103999504A	201280048834.9	27-Sep-2012	CN	810327-CN-PCT	810327
Proxy Maintenance Endpoint At Provider Edge Switch	US8824302	02-Sep-2014	20140022886	13/555473	23-Jul-2012	SU	810297-US-NP	810297
Method And Apparatus For In The Middle Primary Backup Replication			2013074255	PCT/US2012/061545	24-Oct-2012	WO	810117-WO-PCT	810117
Method And Apparatus For In The Middle Primary Backup Replication	US9723074	01-Aug-2017	20130124479	13/296464	15-Nov-2011	US	810117-US-NP	810117
Method And Apparatus For In The Middle Primary Backup Replication				20147012982	24-Oct-2012	Ŕ	810117-KR-PCT	810117
Method And Apparatus For In The Middle Primary Backup Replication	JP6096795	24-Feb-2017	2014533413	2014542320	24-Oct-2012	JР	810117-JP-PCT	810117
Method And Apparatus For In The Middle Primary Backup Replication			EP2781075	12798902.8	24-Oct-2012	ЕР	810117-EP-EPT	810117
Method And Apparatus For In The Middle Primary Backup Replication	ZL21280056058.7	01-Aug-2017	CN103947177A	201280056058.7	24-Oct-2012	CN	810117-CN-PCT	810117
Method And Apparatus For Round Trip Delay KPI Monitoring In Live Network Using User Plane Probe Session	US8665733	04-Mar-2014	20130086250	13/250205	30-Sep-2011	US	809924-US-NP	809924
Apparatus And Method For Testing Fibers In a PON	US8948589	03-Feb-2015	20130259469	13/436243	30-Mar-2012	S	809900-US-NP	809900
Field Deployable Message Compromiser	US8774013	08-Jul-2014	20120307643	13/149556	31-May-2011	SU	809853-US-NP	809853
Noise-Resilient Constellations For An Optical Transport System	US8693888	08-Apr-2014	20130177306	13/347072	10-Jan-2012	SU	809598-US-NP	809598
Apparatus, Method, And Computer Program For A Remote Unit And A Central Unit	2566291	27-Jun-2018	2566291	11306097.4	05-Sep-2011	GB	809389-GB-EPA	809389
Apparatus, Method, And Computer Program For A Remote Unit And A Central Unit	2566291	27-Jun-2018	2566291	11306097.4	05-Sep-2011	FR	809389-FR-EPA	809389

810645	810645	810645	810645	810645	810645	810645	810645	810567	810567
810645-US-PCT	810645-KR-PCT	810645-JP-PCT	810645-GB-EPA	810645-FR-EPA	810645-EP-EPA	810645-DE-EPA	810645-CN-PCT	810567-WO-PCT	810567-US-NP
NS	KR	J P	GB	FR	EP P	DE	CS	Wo	SN
02-Oct-2012	02-Oct-2012	02-Oct-2012	25-Nov-2011	25-Nov-2011	25-Nov-2011	25-Nov-2011	02-Oct-2012	04-Sep-2012	30-Sep-2011
14/349203	20147014007	2014542740	11290539.3	11290539.3	11290539.3	11290539.3	201280057659.X	PCT/CA2012/050607	13/250261
20140294011	20140088173	2015502101	EP2597827	EP2597827	EP2597827	EP2597827	CN103947165A	2013044379	20130086144
20-Dec-2016		23-Oct-2015	10-Jan-2018	10-Jan-2018	10-Jan-2018	10-Jan-2018			29-Apr-2014
US9525616		JP5828047	EP2597827	EP2597827	EP2597827	602011044887.9			US8713097
Method Of Promoting A Quick Data Flow Of Data Packets In A Communication Network, Communication Network And Data Processing Unit	Method Of Promoting A Quick Data Flow Of Data Packets in A Communication Network, Communication Network And Data Processing Unit	Method Of Promoting A Quick Data Flow Of Data Packets in A Communication Network, Communication Network And Data Processing Unit	Method Of Promoting A Quick Data Flow Of Data Packets in A Communication Network, Communication Network And Data Processing Unit	Method Of Promoting A Quick Data Flow Of Data Packets in A Communication Network, Communication Network And Data Processing Unit	Method Of Promoting A Quick Data Flow Of Data Packets in A Communication Network, Communication Network And Data Processing Unit	Method Of Promoting A Quick Data Flow Of Data Packets in A Communication Network, Communication Network And Data Processing Unit	Method Of Promoting A Quick Data Flow Of Data Packets in A Communication Network, Communication Network And Data Processing Unit	Adaptive Period Network Session Reservation	Adaptive Period Network Session Reservation

811631	811631	811631	811551	811551	811551	811551	811551	811551	811551	811551	811551	811336	811150	810953	810951	810951	810951	810951	810692	810645
811631-FR-EPA	811631-EP-EPA	811631-DE-EPA	811551-WO-PCT	811551-US-NP	811551-NL-EPT	811551-KR-PCT	811551-JP-PCT	811551-GB-EPT	811551-EP-EPT	811551-DE-EPT	811551-CN-PCT	811336-US-NP	811150-US-NP	810953-US-NP	810951-GB-EPA	810951-FR-EPA	810951-EP-EPA	810951-DE-EPA	810692-US-NP	810645-WO-PCT
FR	ЕР	DE	WO	US	Z.	Ã	JP	GB	ĘP	DE	CN	US	SN	US	GB	FR	EP	DE	SU	Wo
04-Sep-2012	04-Sep-2012	04-Sep-2012	09-Sep-2013	13-Sep-2012	09-Sep-2013	09-Sep-2013	09-Sep-2013	09-Sep-2013	09-Sep-2013	09-Sep-2013	09-Sep-2013	14-Nov-2012	30-Mar-2012	03-Apr-2012	31-Jan-2012	31-Jan-2012	31-Jan-2012	31-Jan-2012	04-Jan-2012	02-Oct-2012
12182896.6	12182896.6	12182896.6	PCT/US2013/058712	13/613311	13774842.2	20157006417	2015531984	13774842.2	13774842.2	13774842.2	201380047948.6	13/677030	13/436321	13/438075	12360007.4	12360007.4	12360007.4	12360007.4	13/343378	PCT/EP2012/069422
EP2704343	EP2704343	EP2704343	2014043014	20140071836	EP2896260	20150043443	2015530056	EP2896260	EP2896260	EP2896260	CN104620657A	20140136898	20130259065	20130259111	EP2624619	EP2624619	EP2624619	EP2624619	20130170431	2013075874
04-Nov-2015	04-Nov-2015	04-Nov-2015		20-Jan-2015	31-Jan-2018	13-Jan-2016	13-May-2016	31-Jan-2018	31-Jan-2018	31-Jan-2018	07-Aug-2018	03-Mar-2015	24-Mar-2015	21-Jan-2014	24-Sep-2014	24-Sep-2014	24-Sep-2014	24-Sep-2014	03-Mar-2015	
EP2704343	EP2704343	602012012101.7		US8937969	EP2896260	KR101586642	JP5931295	EP2896260	EP2896260	602013032665.7	ZL201380047948.6	US8972803	US8989216	US8634455	EP2624619	EP2624619	EP2624619	602012003200.6	US8971215	
Multi-Wavelength Fast Tunable Transmission Device and Optical Packet Switching Node	Multi-Wavelength Fast Tunable Transmission Device and Optical Packet Switching Node	Multi-Wavelength Fast Tunable Transmission Device and Optical Packet Switching Node	Interference Limiting Dynamic Scheduler (ILDS)	Enhanced Inter-Cell Interference Control	Enhanced Inter-Cell Interference Control	Interference Limiting Dynamic Scheduler (ILDS)	Interference Limiting Dynamic Scheduler (ILDS)	Enhanced Inter-Cell Interference Control	Enhanced Inter-Cell Interference Control	Enhanced Inter-Cell Interference Control	Interference Limiting Dynamic Scheduler (ILDS)	Run-Time Fault Detection In A Component Associated With An Application Programming Interface Platform	Diameter Versioning Dictionary	Symmetric Leakage For Adaptive Finite- Impulse-Response Filters	Network Configuration	Network Configuration	Network Configuration	Network Configuration	Subscriber Assignment	Method Of Promoting A Quick Data Flow Of Data Packets in A Communication Network, Communication Network And Data Processing Unit

Preventing Extreme Coresidency Hazards In Cloud Computing	US8949655	03-Feb-2015	20140215272	13/755794	31-Jan-2013	SU	813090-US-NP	813090
Preventing Extreme Coresidency Hazards In Cloud Computing	US9286170	15-Mar-2016	20150089275	14/558983	03-Dec-2014	SU	813090-US-CNT	813090
Translating Between Testing Requirements At Different Reference Points			2014070812	PCT/US2013/067369	30-Oct-2013	WO	813047-WO-PCT	813047
Translating Between Testing Requirements At Different Reference Points	US9088356	21-Jul-2015	20140128006	13/667592	02-Nov-2012	US	813047-US-NP	813047
Translating Between Testing Requirements At Different Reference Points				102138895	28-Oct-2013	W	813047-TW-NP	813047
Method And System For Controlling Almost Blank Subframes (ABS) Based On Cell Border Rate Ratios	US9325467	26-Apr-2016	20150295685	14/249598	10-Apr-2014	US	812899-US-NP	812899
Transmission Device			2014111324	PCT/EP2014/050433	13-Jan-2014	WO	812302-WO-PCT	812302
Transmission Device With Dipole Orienting System	US9997818	12-Jun-2018	20150334819	14/654797	13-Jan-2014	US	812302-US-PCT	812302
Reduction Of Electrical Interconnect Loss Through Loss Tangent Modification	TWI547007	21-Aug-2016	201431173	102148497	26-Dec-2013	TW	812302-TW-NP	812302
Transmission Device	JP6253670	08-Dec-2017	2016503280	2015-553049	13-Jan-2014	JP	812302-JP-PCT	812302
Transmission Device			EP2757630	13305043.5	16-Jan-2013	EP	812302-EP-EPA	812302
Methods For Congestion Control In Wireless Networks			2014099358	PCT/US2013/072963	04-Dec-2013	WO	812253-WO-PCT	812253
Methods For Congestion Control In Wireless Networks	US9014116	21-Apr-2015	20140169160	13/719623	19-Dec-2012	SU	812253-US-NP	812253
XMPP Keepalive Interval Algorithm				61/662156	20-Jun-2012	SU	812239-US-PSP	812239
Translation Mapping And Client Device Employing Same	US9794109	17-Oct-2017	20140068044	13/773730	22-Feb-2013	S	812239-US-NP	812239
High-Throughput Routing In An Optical Network Having A Mesh Topology			2014160536	PCT/US2014/030229	17-Mar-2014	WO	812203-WO-PCT	812203
High-Throughput Routing In An Optical Network Having A Mesh Topology	US9077482	07-Jul-2015	20140294392	13/852328	28-Mar-2013	S	812203-US-NP	812203
Radius Policy Multiple Authenticator Support	US8910261	09-Dec-2014	20140096214	13/630227	28-Sep-2012	SU	812073-US-NP	812073
Multi-Wavelength Fast Tunable Transmission Device and Optical Packet Switching Node	EP2704343	04-Nov-2015	EP2704343	12182896.6	04-Sep-2012	GB	811631-GB-EPA	811631

814449	814449	814133	814133	814133	814133	814133	814133	814133	814133	813876	813876	813876	813876	813589	813583	813583	813583	813583	813583	813090
814449-EP-EPA	814449-DE-EPA	814133-WO-PCT	814133-US-PCT	814133-TW-NP	814133-JP-PCT	814133-GB-EPA	814133-FR-EPA	814133-EP-EPA	814133-DE-EPA	813876-GB-EPA	813876-FR-EPA	813876-EP-EPA	813876-DE-EPA	813589-US-NP	813583-WO-PCT	813583-US-NP	813583-US-CNT	813583-JP-PCT	813583-EP-EPT	813090-WO-PCT
EP	DE	WO	SU	TW	JP	GB	FR	EP	DE	GB	FR	EP	DE	US	WO	SU	SU	JР	ΕP	WO
14-Oct-2013	14-Oct-2013	07-Jul-2014	07-Jul-2014	23-Jun-2014	07-Jul-2014	09-Jul-2013	09-Jul-2013	09-Jul-2013	09-Jul-2013	31-Jan-2014	31-Jan-2014	31-Jan-2014	31-Jan-2014	13-Jun-2014	10-Mar-2014	14-Mar-2013	18-Aug-2016	10-Mar-2014	10-Mar-2014	23-Jan-2014
13306407.1	13306407.1	PCT/EP2014/064393	14/903654	103121563	2016524764	13305972.5	13305972.5	13305972.5	13305972.5	14305144.9	14305144.9	14305144.9	14305144.9	14/303637	PCT/CA2014/050201	13/803558	15/240091	2015561856	14762502.4	PCT/US2014/012635
EP2860895	EP2860895	2015004036	20160171742		2016525749	EP2824634	EP2824634	EP2824634	EP2824634	EP2903183	EP2903183	EP2903183	EP2903183	20150365911	2014138960	20140280700	20170048081	2016515343	EP3974161	2014120534
14-Sep-2016	14-Sep-2016				30-Sep-2016	07-Jun-2017	07-Jun-2017	07-Jun-2017	07-Jun-2017	03-Oct-2018	03-Oct-2018	03-Oct-2018	03-Oct-2018	19-Jul-2016		13-Sep-2016				
EP2860895	602013011456.0				JP6014789	EP2824634	EP2824634	EP2824634	602013021928.1	EP2903183	EP2903183	EP2903183	EP2903183	US9398629		US9444913				
Apparatus And Method For Iteratively Decoding a Received Signal	Apparatus And Method For Iteratively Decoding a Received Signal	Method And Device For Rotating A Multidimensional Space	Method And Device For Rotating A Multidimensional Space	Method For Rotating A Multidimensional Space With A 2D Input Device	Method And Device For Rotating A Multidimensional Space	Method And Device For Rotating A Multidimensional Space	Method And Device For Rotating A Multidimensional Space	Method And Device For Rotating A Multidimensional Space	Method And Device For Rotating A Multidimensional Space	Pulse-Shaping Filter	Pulse-Shaping Filter	Pulse-Shaping Filter	Pulse-Shaping Filter	System And Method For A Distributed Wireless Network	Multi-Ring Reliable Messaging System	Method for Preventing Extreme Coresidency Hazards In Cloud Computing				

	300 814600-GB-EPA GB 48 815048-CN-NP CN	814600-DE-EPA 814600-EP-EPA 814600-GB-EPA	814595-KR-PCT 814595-US-PCT 814595-WO-PCT 814600-DE-EPA 814600-GB-EPA 815048-CN-NP	814595-FR-EPA 814595-GB-EPA 814595-JP-PCT 814595-KR-PCT 814595-WO-PCT 814595-WO-PCT 814600-EP-EPA 814600-GB-EPA 815048-CN-NP	814595-DE-EPA 814595-EP-EPA 814595-FR-EPA 814595-GB-EPA 814595-KR-PCT 814595-WO-PCT 814595-WO-PCT 814595-WO-PCT	
		CN GB EP DE	T US KR	T WO SB FR WO SFR	T U GB FR FP DE CN GB	T WO GB FR FR FP GB FR FR FR FP GB FR FR FR FP GB FR
13 13250233.4						
			/075889	32	3 1/075889	363.6
EP2854301		EP2854301	20160323438 2015101449 20152854301 EP2854301	EP2892037 EP2892037 2017504260 20160323438 2015101449 EP2854301 EP2854301	EP2892037 EP2892037 EP2892037 EP2892037 2017504260 20160323438 2015101449 EP2854301 EP2854301	EP2860895 CN105874517A CN105874517A EP2892037 EP2892037 EP2892037 EP2892037 EP2892037 EP2892037 EP2892037 EP2892037
02-Jan-2019		02-Jan-2019 02-Jan-2019	26-Jan-2018 02-Jan-2019 02-Jan-2019	03-May-2017 03-May-2017 24-Nov-2017 26-Jan-2018 02-Jan-2019	03-May-2017 03-May-2017 03-May-2017 03-May-2017 24-Nov-2017 26-Jan-2018 02-Jan-2019	14-Sep-2016 02-Oct-2018 03-May-2017 03-May-2017 03-May-2017 24-Nov-2017 26-Jan-2018 02-Jan-2019
EP2854301		60 2013 049 122.4 EP2854301	KR101824830 KR101824830 60 2013 049 122.4 EP2854301	EP2892037 EP2892037 JP6246940 KR101824830 EP2854301	602014009262.4 EP2892037 EP2892037 EP2892037 JP6246940 KR101824830 KR101824830 EP2854301	EP2860895 ZL201480072063.6 602014009262.4 EP2892037 EP2892037 EP2892037 EP2892037 EP28946940 KR101824830 KR101824830
Node Multilayer optimization with smart	A Method Of Operating A Communications System, Antenna Controller, And	A Method Of Operating A Communications System, Antenna Controller, And I Node A Method Of Operating A Communications System, Antenna Controller, And Node A Method Of Operating A Communications System, Antenna Controller, And I	Server providing a quiete work environment Server providing a quiete work environment Server providing a quiete work environment A Method Of Operating A Communications System, Antenna Controller, And Node A Method Of Operating A Communications System, Antenna Controller, And Node A Method Of Operating A Communications System, Antenna Controller, And Node A Method Of Operating A Communications System, Antenna Controller, And	Server providing a quieter work environment Antenna Controller, And R Node A Method Of Operating A Communications System, Antenna Controller, And R Node A Method Of Operating A Communications System, Antenna Controller, And R Node A Method Of Operating A Communications System, Antenna Controller, And R Node	Server providing a quieter of work environment A Method Of Operating A V Communications System, A Antenna Controller, And Ra Node A Method Of Operating A V Communications System, A Antenna Controller, And Ra Node A Method Of Operating A V Communications System, A Antenna Controller, And Ra Node A Method Of Operating A V Communications System, A Antenna Controller, And Ra Node A Method Of Operating A V Communications System, A Antenna Controller, And Ra Node	Apparatus And Method For Iteratively Decoding a Received Signal Server providing a quieter open space work environment A Method Of Operating A Wireless Communications System, A Corresponding Antenna Controller, And Radio Access Node A Method Of Operating A Wireless Communications System, A Corresponding Antenna Controller, And Radio Access Node A Method Of Operating A Wireless Communications System, A Corresponding Antenna Controller, And Radio Access

817229	817229	817229	817229	817229	817229	816754	816754	816754	816754	816589	816589	816508	815926	815504	815263
817229-KR-PCT	817229-GB-EPA	817229-FR-EPA	817229-EP-EPA	817229-DE-EPA	817229-CN-PCT	816754-GB-EPA	816754-FR-EPA	816754-EP-EPA	816754-DE-EPA	816589-US-NP	816589-EP-EPA	816508-US-NP	815926-US-NP	815504-US-NP	815263-US-NP
KR	GB	FR	EP P	DE	CN	GB	FR	EP	DE	US	EP P	US	US	SN	US
14-Dec-2015	23-Jan-2015	23-Jan-2015	23-Jan-2015	23-Jan-2015	14-Dec-2015	18-Sep-2014	18-Sep-2014	18-Sep-2014	18-Sep-2014	06-Aug-2015	20-Aug-2014	08-Dec-2014	11-Jun-2014	26-Mar-2014	29-Apr-2014
20177020356	15290046.0	15290046.0	15290046.0	15290046.0	201580073612.6	14306440.0	14306440.0	14306440.0	14306440.0	14/819940	14306301.4	14/563621	14/302052	14/225559	14/264538
	EP3048679	EP3048679	EP3048679	EP3048679	CN107112721A	EP2999172	EP2999172	EP2999172	EP2999172	20160055025	EP2988214	20160162346	20150365325	20150280797	20150312352
	18-Oct-2017	18-Oct-2017	18-Oct-2017	18-Oct-2017		17-May-2017	17-May-2017	17-May-2017	17-May-2017	13-Feb-2018		23-Aug-2016	20-Sep-2016	22-Mar-2016	31-May-2016
	EP3048679	EP3048679	EP3048679	602015005441.5		EP2999172	EP2999172	EP2999172	EP2999172	US9891941		US9424121	US9450884	US9294171	US9357014
SELF-HEATING MITIGATION IN AN ACOUSTICALLY TUNABLE DISTRIBUTED FEEDBACK LASER	SELF-HEATING MITIGATION IN AN ACOUSTICALLY TUNABLE DISTRIBUTED FEEDBACK LASER	SELF-HEATING MITIGATION IN AN ACOUSTICALLY TUNABLE DISTRIBUTED FEEDBACK LASER	SELF-HEATING MITIGATION IN AN ACOUSTICALLY TUNABLE DISTRIBUTED FEEDBACK LASER	SELF-HEATING MITIGATION IN AN ACOUSTICALLY TUNABLE DISTRIBUTED FEEDBACK LASER	SELF-HEATING MITIGATION IN AN ACOUSTICALLY TUNABLE DISTRIBUTED FEEDBACK LASER	Method and devices to certify a trusted path in a software defined network	Method and devices to certify a trusted path in a software defined network	Method and devices to certify a trusted path in a software defined network	Method and devices to certify a trusted path in a software defined network	Method For Balancing A Load, A System, An Elasticity Manager And AComputer Program Product	Method For Balancing A Load, A System, An Elasticity Manager And A Computer Program Product	Root Cause Analysis For Service Degradation In Computer Networks	Software Defined Networking Based Congestion Control	Base Station Calibration	Service-Based Networking

817440	817440	817440	817440	817440	817440	817440	817440	817404	817404	817229	817229
817440-US-PCT	817440-KR-PCT	817440-JP-PCT	817440-GB-EPA	817440-FR-EPA	817440-EP-EPA	817440-DE-EPA	817440-CN-PCT	817404-WO-PCT	817404-US-NP	817229-WO-PCT	817229-US-PCT
NS	KR	JP	GB	FR	Ę	DE	C	WO	US	WO	US
26-May-2016	26-May-2016	26-May-2016	01-Jun-2015	01-Jun-2015	01-Jun-2015	01-Jun-2015	26-May-2016	09-Feb-2016	10-Feb-2015	14-Dec-2015	14-Dec-2015
15/572251	KR10-20177034570	2017-562246	15290144.3	15290144.3	15290144.3	15290144.3	201680031722.0	PCT/IB2016/000237	14/618985	PCT/EP2015/079522	15/539327
20180124168		2018-516511	EP3101872	EP3101872	EP3101872	EP3101872	CN107690775A	2016128834	20160234067	2016116224	20170365980
			27-Dec-2017	27-Dec-2017	27-Dec-2017	27-Dec-2017			20-Jun-2017		24-Apr-2018
			EP3101872	EP3101872	EP3101872	602015007001.1			US9686137		US9954342
Load Balancing Server for Forwarding Prioritized Traffic From And To One Or More Prioritized Auto-Configuration Servers	Load Balancing Server for Forwarding Prioritized Traffic From And To One Or More Prioritized Auto-Configuration Servers	Load Balancing Server for Forwarding Prioritized Traffic From And To One Or More Prioritized Auto-Configuration Servers	Load Balancing Server for Forwarding Prioritized Traffic From And To One Or More Prioritized Auto-Configuration Servers	Load Balancing Server for Forwarding Prioritized Traffic From And To One Or More Prioritized Auto-Configuration Servers	Load Balancing Server for Forwarding Prioritized Traffic From And To One Or More Prioritized Auto-Configuration Servers	Load Balancing Server for Forwarding Prioritized Traffic From And To One Or More Prioritized Auto-Configuration Servers	Load Balancing Server for Forwarding Prioritized Traffic From And To One Or More Prioritized Auto-Configuration Servers	Method And System For Identifying An Outgoing Interface Using Openflow Protocol	Method And System For Identifying An Outgoing Interface Using Openflow Protocol	SELF-HEATING MITIGATION IN AN ACOUSTICALLY TUNABLE DISTRIBUTED FEEDBACK LASER	Self-Heating Mitigation In An Acoustically Tunable Distributed Feedback Laser

830725	830725	830725	830725	830725	830333	830333	830333	830333	830333	830333	817991	817991	817844		817844	817844		817440		
830725-FR-NP	830725-FR-EPA	830725-EP-EPA	830725-DE-EPA	830725-CA-NP	830333-US-NP	830333-GB-EPA	830333-FR-NP	830333-FR-EPA	830333-EP-EPA	830333-DE-EPA	817991-WO-PCT	817991-US-NP	817844-WO-PCT		817844-US-NP	817844-TW-NP		817440-WO-PCT		
FR	FR	EP	DE	CA	US	GB	FR	R	EP	DE	WO	US	WO		SU	WT		WO		
24-Jan-2000	30-Nov-2000	30-Nov-2000	30-Nov-2000	19-Dec-2000	15-Dec-2000	21-Jun-1999	25-Jun-1998	21-Jun-1999	21-Jun-1999	21-Jun-1999	19-Apr-2016	24-Apr-2015	24-Mar-2016		27-Mar-2015	18-Mar-2016		26-May-2016		
00 00 837	00403347.8	00403347.8	00403347.8	2 328 402	09/736298	99401529.5	98 08 066	99401529.5	99401529.5	99401529.5	PCT/US2016/028210	14/695710	PCT/IB2016/000516		14/670450	105108576		PCT/EP2016/061921		
2804277	EP1120948	EP1120948	EP1120948	2328402	20040136516	EP0967829	2780595	EP0967829	EP0967829	EP0967829	2016172066	20160315880	2016156986		20160285533	201644208		2016193118		
12-Apr-2002	09-Apr-2008	09-Apr-2008	09-Apr-2008		27-Nov-2012	06-Aug-2008	04-Aug-2000	06-Aug-2008	06-Aug-2008	06-Aug-2008		02-May-2017			09-Jan-2018					
FR2804277	EP1120948	EP1120948	60038532.9		US8320413	EP0967829	FR2780595	EP0967829	EP0967829	EP0967829		US9641459			US9866301					
EQUIPEMENT TERMINAL RADIOTELEPHONIQUE D'ABONNE ET TERMINAUX POUR UN TEL EQUIPEMENT.	EQUIPEMENT TERMINAL RADIOTELEPHONIQUE D'ABONNE ET TERMINAUX POUR UN TEL EQUIPEMENT.	EQUIPEMENT TERMINAL RADIOTELEPHONIQUE D'ABONNE ET TERMINAUX POUR UN TEL EQUIPEMENT.	EQUIPEMENT TERMINAL RADIOTELEPHONIQUE D'ABONNE ET TERMINAUX POUR UN TEL EQUIPEMENT.	EQUIPEMENT TERMINAL RADIOTELEPHONIQUE D'ABONNE ET TERMINAUX POUR UN TEL EQUIPEMENT.	Communication Method Using One Access	MULTIPLE SIGNALLING CHANNELS	ACCES	MULTIPLE SIGNALLING CHANNELS	MULTIPLE SIGNALLING CHANNELS	MULTIPLE SIGNALLING CHANNELS	User-Defined Flexible Traffic Monitoring In An SDN Switch	User-Defined Flexible Traffic Monitoring In An SDN Switch	Backhaul And The Like	Channel Estimation Techniques For Lsas	Channel Estimation Techniques For LSAS Backhaul And The Like	Backhaul And The Like	Channel Estimation Techniques For LSAS	Servers	More Prioritized Auto-Configuration	Load Balancing Server for Forwarding Prioritized Traffic From And To One Or

831157	831157	831157	831157	831157	831157	831157	830725	830725
831157-US-NP	831157-IT-EPA	831157-GB-EPA	831157-FR-NP	831157-FR-EPA	831157-EP-EPA	831157-DE-EPA	830725-US-NP	830725-GB-EPA
US	⊐	GB	FR	FR	EР	DE	US	GB
08-Jul-2002	04-Jul-2002	04-Jul-2002	09-Jul-2001	04-Jul-2002	04-Jul-2002	04-Jul-2002	21-Dec-2000	30-Nov-2000
10/189409	02291673.8	02291673.8	01 09 088	02291673.8	02291673.8	02291673.8	09/740784	00403347.8
20030043527	EP1276273	EP1276273	2827089	EP1276273	EP1276273	EP1276273	20010009845	EP1120948
04-Jan-2005	06-Sep-2006	06-Sep-2006	03-Oct-2003	06-Sep-2006	06-Sep-2006	06-Sep-2006	20-May-2008	09-Apr-2008
US6839215	EP1276273	EP1276273	FR2827089	EP1276273	EP1276273	EP1276273	US7376416	EP1120948
DISPOSITIF DE PROTECTION POUR UN TERMINAL SUSCEPTIBLE D'ETRE RACCORDE A UN RESEAU LOCAL CAPABLE DE TELE-ALIMENTER DES TERMINAUX	DISPOSITIF DE PROTECTION POUR UN TERMINAL SUSCEPTIBLE D'ETRE RACCORDE A UN RESEAU LOCAL CAPABLE DE TELE-ALIMENTER DES TERMINAUX	DISPOSITIF DE PROTECTION POUR UN TERMINAL SUSCEPTIBLE D'ETRE RACCORDE A UN RESEAU LOCAL CAPABLE DE TELE-ALIMENTER DES TERMINAUX	DISPOSITIF DE PROTECTION POUR UN TERMINAL SUSCEPTIBLE D'ETRE RACCORDE A UN RESEAU LOCAL CAPABLE DE TELE-ALIMENTER DES TERMINAUX	DISPOSITIF DE PROTECTION POUR UN TERMINAL SUSCEPTIBLE D'ETRE RACCORDE A UN RESEAU LOCAL CAPABLE DE TELE-ALIMENTER DES TERMINAUX	DISPOSITIF DE PROTECTION POUR UN TERMINAL SUSCEPTIBLE D'ETRE RACCORDE A UN RESEAU LOCAL CAPABLE DE TELE-ALIMENTER DES TERMINAUX	DISPOSITIF DE PROTECTION POUR UN TERMINAL SUSCEPTIBLE D'ETRE RACCORDE A UN RESEAU LOCAL CAPABLE DE TELE-ALIMENTER DES TERMINAUX	SUBSCRIBER RADIOTELEPHONE TERMINAL UNIT AND TERMINALS FOR SUCH UNITS	EQUIPEMENT TERMINAL RADIOTELEPHONIQUE D'ABONNE ET TERMINAUX POUR UN TEL EQUIPEMENT.

865747	862769	862709	861775	861753	856805	856804	855491	852555	851844	812606	851560	850771
865747-US-NP	862769-US-NP	862709-US-NP	861775-US-NP	861753-US-NP	856805-US-NP	85680 4 -US-NP	855491-US-NP	852555-US-NP	851844-US-NP	812606-US-DIV	851560-US-NP	850771-US-NP
US	US	US	US	US	US	US	US	US	US	US	US	US
13-Apr-2007	31-May-2005	29-Jun-2007	02-Sep-2004	23-Feb-2005	29-Dec-2004	29-Dec-2004	28-Dec-2006	15-Feb-2006	12-Jul-2002	29-Aug-2012	27-Jun-2008	03-Mar-2008
11/735112	11/141359	11/771286	10/932980	11/064907	11/025844	11/025846	11/617100	11/354709	10/194610	13/597781	12/147987	12/074276
20080253305	20070006151	20090006329	20060045541	20060210993	20060173861	20060155743	20080159261	20070190996	20040009781	20120321016	20090323901	20090220065
21-Sep-2010	24-Jun-2014	03-Jun-2014	12-Mar-2013	29-Oct-2013	03-Apr-2012	17-Jul-2012	29-May-2012	08-Jul-2014	04-Dec-2012	07-Jan-2014	28-May-2013	06-Aug-2013
US7801156	US8762949	US8745082	US8396372	US8569042	US8150893	US8224863	US8189570	US8774790	US8325854	US8625691	US8451980	US8503653
Undirected Widesense Nonblocking Cross Connects Based On Wavelength-Selective Switches	Method And Apparatus For Incremental Analysis Of One Or More Properties Of A Program	Methods And Apparatus For Evaluating XPath Filters On Fragmented And Distributed XML Documents	Asymmetric Long-Haul Transmission Paths With Optical Phase Conjugation	DNA Structures On Ferroelectrics And Semiconductors	Method And Apparatus For Incremental Evaluation Of Schema-Directed XML Publishing	Equivalence Class-Based Method And Apparatus For Cost-Based Repair Of Database Constraint Violations	System And Method For Processing Calls To VoIP Devices Using The Called Party's Email Address	Method And Apparatus For Improving Wireless Network Reliability	Techniques For Communicating Over Single- Or Multiple-Antenna Channels Having Both Temporal And Spectral Fluctuations	Communicating Over Single- Or Multiple- Antenna Channels Having Both Temporal And Spectral Fluctuations	Test Systems And Methods For Extended Off-Hook Conditions On A Subscriber Line	Method And Apparatus For Active Speaker Selection Using Microphone Arrays And Speaker Recognition

	877145 877145-US-NP	877145 877145-KR-NP	877145 877145-JP-NP	877145 877145-GB-EPA	877145 877145-FR-EPA	877145 877145-DE-EPA	877145 877145-CN-NP	874714 874714-US-NP	873971 873971-WO-PCT	873971 873971-US-NP	873971 873971-TW-NP	873971 873971-RU-PCT	873971 873971-MX-PCT	873971 873971-KR-PCT	873971 873971-JP-PCT
	S	Ŕ,	JP	GB	FR	DE	CN	US	WO	S	TW	RU	N _X	Ŕ	JP
	24-Nov-2004	24-Nov-2005	18-Nov-2005	15-Nov-2005	15-Nov-2005	15-Nov-2005	23-Nov-2005	28-Nov-2006	22-Jan-2008	02-Feb-2007	31-Dec-2007	22-Jan-2008	22-Jan-2008	22-Jan-2008	22-Jan-2008
12 /200010	10/996617	20050112952	2005333751	05257051.2	05257051.2	05257051.2	200510124888.0	11/563960	PCT/US2008/000779	11/670470	096151489	2009132704	MX/a/2009/007932	20097015944	2009548263
20000175772	20060109814		2006148919	EP1662712	EP1662712	EP1662712	CN1780180A	20080126524	2008097423	20080189313	200844775				2010518483
14-May-2013	31-Mar-2009	26-Feb-2013	21-Dec-2012	11-Jul-2007	11-Jul-2007	11-Jul-2007	09-Nov-2011	12-Jun-2012		14-Jul-2015	01-May-2015			16-Aug-2012	06-Jan-2017
1188443205	US7512096	KR101239211	JP5160736	EP1662712	EP1662712	602005001603.1	ZL10124888.0	US8200848		US9082104	TWI483202			KR101175950	JP6066540
Secure Function Evaluation Techniques For Circuits Containing XOR Gates With Application To Universal Circuits	Communicating Data Between An Access Point And Multiple Wireless Devices Over A Link	Communicating Data Between An Access Point And Multiple Wireless Devices Over A Link	Communicating Data Between An Access Point And Multiple Wireless Devices Over A Link	Communicating Data Between An Access Point And Multiple Wireless Devices Over A Link	Communicating Data Between An Access Point And Multiple Wireless Devices Over A Link	Communicating Data Between An Access Point And Multiple Wireless Devices Over A Link	Communicating Data Between An Access Point And Multiple Wireless Devices Over A Link	Method And Apparatus For Facilitating Communication Between A Managed System And Management Systems	Method And Apparatus For Managing System Specifications	Method And Apparatus For Managing System Specifications	Method And Apparatus For Managing System Specifications	Method And Apparatus For Managing System Specifications	Method And Apparatus For Managing System Specifications	Method And Apparatus For Managing System Specifications	System Specifications

890009	890005	887603	887571	887571	887571	887571	887571	887571	887571	886250	884793	881563	880003	878593
890009-US-NP	890005-US-NP	887603-US-NP	887571-US-NP	887571-KR-NP	887571-JP-NP	887571-IN-NP	887571-GB-EPA	887571-FR-EPA	887571-DE-EPA	886250-US-NP	884793-US-NP	881563-US-NP	880003-US-NP	878593-US-PSP
US	US	SU	US	KR	JP	Z	GB	FR	DE	US	S	US	US	SU
27-Sep-2007	27-Sep-2007	13-Nov-2006	19-Nov-2003	18-Nov-2004	19-Nov-2004	19-Nov-2004	29-Oct-2004	29-Oct-2004	29-Oct-2004	28-Jun-2007	24-Dec-2008	06-Sep-2007	16-Sep-2005	08-Jan-2008
11/862836	11/862657	11/559053	10/717065	20040094550	2004335897	1229/CHE/2004	04256705.7	04256705.7	04256705.7	11/823672	12/343608	11/851035	11/228721	61/010427
20090089770	20090085916	20080113664	20050105493		2005168011		EP1533927	EP1533927	EP1533927	20090006885	20100161797	20090069009	20070066335	
20-Mar-2012	27-Mar-2012	02-Apr-2013	23-Jul-2013	01-Dec-2011	24-Jun-2011	01-Jul-2014	21-Jun-2006	21-Jun-2006	21-Jun-2006	12-Jun-2012	21-Aug-2012	17-Apr-2012	31-Dec-2013	
US8141065	US8146069	US8412176	US8493998	KR101091487	JP4767526	IN261858	EP1533927	EP1533927	602004001316.1	US8201016	US8250210	US8159950	US8620292	
Method And Apparatus For Performing Non Service Affecting Software Upgrades In Place	Method And Apparatus For Performing Non Service Affecting Software Upgrades In Place	Method For Configuring Mobile ∪nits	Method And Apparatus For Scheduling Forward Data Bursts in Wireless Network	Method And Apparatus For Scheduling Forward Data Bursts In Wireless Network	Method And Apparatus For Scheduling Forward Data Bursts In Wireless Network	Method And Apparatus For Scheduling Forward Data Bursts In Wireless Network	Method And Apparatus For Scheduling Forward Data Bursts In Wireless Network	Method And Apparatus For Scheduling Forward Data Bursts In Wireless Network	Method And Apparatus For Scheduling Forward Data Bursts In Wireless Network	Heartbeat Distribution That Facilitates Recovery In The Event Of A Server Failure During A User Dialog	Balancing User Registration Lifetimes In A Network	Determining Processor Occupancy Of A Cluster Of Home Location Registers	Controlling Mobile Station Response To A Common Rate Control Command	Improvements In Practical Secure Function Evaluation

892729 89272	892729 89272	892729 89272	892729 89272	892729 89272	892729 89272	892729 89272	892729 89272	892729 89272	892729 89272	892729 89272	891636 89163	891421 89142	891421 89142
892729-WO-PCT WO	892729-US-NP US	892729-KR-PCT KR	892729-JP-PCT JP	892729-JP-PCD JP	892729-IN-PCT IN	892729-GB-EPT GB	892729-FR-EPT FR	892729-EP-EPT EP	892729-DE-EPT DE	892729-CN-PCT CN	891636-US-NP US	891421-US-PSP US	891421-US-CIP US
07-Oct-2008	12-Oct-2007	07-Oct-2008	08-May-2008	21-Oct-2008	01-Jul-2009								
2008	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	-2008	2008	2009
PCT/US2008/011553	11/907455	20107007794	2010528873	2014031378	1833/CHENP/2010	08837790.8	08837790.8	08837790.8	08837790.8	200880111029.X	12/151645	61/196857	12/459435
2009048555	20090098890	20100068429	2011501507	2014140190	1833/CHENP/2010	EP2213132	EP2213132	EP2213132	EP2213132	101822108	20090279886		20100034157
	16-Jul-2013	03-Aug-2012		22-Jan-2016	27-Dec-2016	29-Jun-2011	29-Jun-2011	29-Jun-2011	29-Jun-2011	27-Mar-2013	17-Sep-2013		02-Apr-2013
	US8489102	KR101172725		JP5873119	IN278610	EP2213132	EP2213132	EP2213132	602008007985.6	ZL200880111029.X	US8538258		US8411624
Methods Of Locating, Paging And Routing Calls To Wireless Users In Femto System	Methods Of Locating, Paging And Routing Calls To Wireless Users In Femto System	Methods Of Locating, Paging And Routing Calls To Wireless Users In Femto System	Methods Of Locating, Paging And Routing Calls To Wireless Users In Femto System	Methods Of Locating, Paging And Routing Calls To Wireless Users In Femto System	Methods Of Locating, Paging And Routing Calls To Wireless Users In Femto System	Methods Of Locating, Paging And Routing Calls To Wireless Users In Femto System	Methods Of Locating, Paging And Routing Calls To Wireless Users In Femto System	Methods Of Locating, Paging And Routing Calls To Wireless Users In Femto System	Methods Of Locating, Paging And Routing Calls To Wireless Users In Femto System	Methods Of Locating, Paging And Routing Calls To Wireless Users In Femto System	Burst-Mode Data Recovery For Multi- Gigabit Passive Optical Networks	Self-Organizing Dynamic Fractional Frequency Reuse Through Distributed Inter-Cell Coordination: The Case of Best-Effort Traffic	Method Of Dynamic Resource Allocation In Wireless Systems

Pump Control	US8441721	14-May-2013	20110157687	12/649460	30-Dec-2009	SU	893702 893702-US-NP US	893702
System And Method Of Raman Amplifier								
(YATL)	US8813047	19-Aug-2014	20070055966	11/222418	08-Sep-2005	US	893052-US-NP US	893052
Yet Another Transformation Language								
Way Merging Of Source Code	US8719786	06-May-2014	20060225040	11/093517	30-Mar-2005	US	893050-US-NP US	893050
Method For Performing Conditionalized N-								

RECORDED: 04/10/2020